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SHOUT
SHARE
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BLUE RIBBON SEEDS

SPRING 1918

6 2 31

FIELD

GARDEN

BLUE RIBBON GEM CANTALOUPE

FLOWER

SEEDS

WOOD, STUBBS & CO.

INCORPORATED

SEEDSMEN

219-221 EAST JEFFERSON ST.

LOUISVILLE, KENTUCKY.

A BLUE RIBBON LAWN

Blue Ribbon Lawn Grass Seed

WILL grow on *your* soil, in your climate, and in whatever location you want Grass to grow. It is used and endorsed everywhere. We sell it to the largest and finest parks in the country, to the most critical owners of homes and estates, for large or small lawns, tennis courts, golf links, etc., and from all sections we get favorable reports. Sow it in February, March and April — one quart to 250 sq. ft., four bushels per acre.

BLUE RIBBON EVERGREEN

A Grass Seed for northern and middle latitudes, of which we sell thousands of pounds each year. We recommend it in place of straight Kentucky Blue Grass, as the latter is slow in starting and takes some time to make a good lawn when seeded alone. It is a mixture of the best Grasses for lawn purposes, which insures a fine greensward at all seasons of the year, no one Grass keeping in good condition throughout the season. It makes a lawn quicker, as some of the Grasses used grow rapidly and in a few weeks time they are ready to mow. Our seed weighs 20 pounds to the bushel, where the ordinary seed only weighs 14 pounds.

Prices, postage paid: Pint 20c; quart, 35c; 4 quarts, $1.00.

Prices, at buyers' expense: Pint, 15c; quart, 25c; 4 quarts, 75c; peck (5 lb.), $1.50; bushel (20 lb.), $5.00; 5 bushels or over at $4.50 per bushel.

SHADY GREEN LAWN GRASS

This is especially prepared for damp and shady places where ordinary Grasses will not thrive. If you have large trees on your property or require a sod on the north side of some buildings, this is just the thing for you.

Prices, postage paid: Pint, 25c; quart, 40c; 4 quarts, $1.35. At purchasers' expense: Pint, 20c; quart, 35c; 4 quarts, $1.25; peck, $2.00; bushel, $6.00.

DIXIE VELVET LAWN GRASS

Our friends in the extreme South and dry Western States will find this of exceptional value. It is made up from extremely hardy varieties, those which withstand the hot sun and drouth, such as Bermuda Grass. It can also be used to advantage on dry banks exposed to the sun, where ordinary varieties burn out.

Prices, postage paid: Pint, 25c; quart, 40c; 4 quarts, $1.35. At purchasers' expense: Pint, 20c; quart, 35c; 4 quarts, $1.25; peck, $2.00; bushel, $6.00.

BLUE RIBBON LAWN AND GARDEN FERTILIZER

Here is just what you need, whether making a new or working over an old one. A specially prepared fertilizer, finely powdered and mixing readily with the soil. It contains all the essentials for producing quickly a fine velvety lawn. Just sprinkle it over the soil so as to cover it lightly — a five-pound package will cover a space 12 x 20 feet — work into the soil with a fork or rake, and then watch the grass grow. It makes the finest kind of top-dressing for any lawn. Scatter it over the grass lightly before a rain or before using the hose. Use it at intervals during the season.

Prices: 5 lbs., 30c; 10 lbs., 50c; 25 lbs., $1.00; 50 lbs., $1.75; 100 lbs., $3.00.

SPRING, 1918

WE feel that we are more fortunate in a great many ways than many catalogue houses. We could not see last season at any time a possibility of the war being over and contracted heavier than ever in order to keep up with and be able to supply an ever increasing trade during these perilous times. While a great many stocks of Garden Seeds, Field Seeds and other items promise to be in short supply this season, nevertheless our stocks are ample for a much larger trade than last year owing to our heavier contracts than previous seasons. We are led to believe from information we have at hand, that a lot of stimulus and encouragement is going to be given the back yard gardener and also the market gardener to plant heavier this season than before in order to do his bit toward lowering the high cost of living. The back yard gardening, as well as the increased market gardening of 1917, reduced to a great extent the considerable cost of a great many items which would have ruled under other circumstances.

It certainly behooves every family, whether large or small, to plant as heavily of garden seeds this season as the ground allotted will allow. At the time this catalogue is being printed, we see indications of higher prices and a scarcity of a great many items which may seriously affect a larger planting later on in the season.

We have had, during the last season, with all of the market gardeners' crops, a very high average price on all kinds of green vegetables and these prices have netted the growers a handsome profit on their labor for the season. We see no reason why these prices should not prevail another season. Our farmers, market gardeners and everybody are going to be called upon this season to do a larger and more diversified work in the garden than last year. The demand already exists and will continue to assume an ever increasing magnitude so long as we undertake to feed the world.

Last season our business was the largest and decidedly the best we have ever had. We were crowded with orders continually during the whole season and late into the Summer, during which time we were qualifying ourselves and preparing to better serve you during the rush business in the Spring, and we hope to be able to take care of our customers better than ever before.

The matter ot getting stocks with which to supply the coming trade for the following Spring is a very serious one in a great many respects. Having anticipated this increased demand, we have enlarged our contracts so as to be able to take care of our customers and fill their orders in a satisfactory manner. We would not advise, in any instance, a delay in placing your order at the earliest possible moment for such seeds as you are going to need. Orders placed in advance will be accepted for later shipment with prices guaranteed and stocks set aside for you. The trouble and annoyance in quoting smaller size packages f. o. b. Louisville with postage to be added according to the zones have caused us to change our method this season and instead of quoting smaller quantities f. o. b. Louisville we are quoting them postage and express prepaid to all points within the United States. We feel that this will save you quite a great deal of confusion.

We are trying to keep our prices strictly in line with reputable competitors and in the event they should seem high or out of line, drop us a postal card and we will quote you our current list price.

We are doubling the issue of this catalogue this season because of the heavy demand for our catalogue last year which exhausted our supply before the season had hardly commenced and we were forced to get out a second and third edition and even this hardly sufficed the demand.

We are willing and ready to serve you all day and half the night as we did last season and hope to have the pleasure of receiving a larger order than last year.

OUR 1918 CALENDAR

This gives the days of the months, etc., and contains a monthly guide for the farm and garden—what to sow and when to sow—making it of value throughout the year. Every one ordering 50 cents worth of seeds or over is entitled to this beautiful calendar if asked for at time seeds are ordered; or, we will mail it for 20 cents postpaid. As our stock of these is limited, this offer holds good only as long as our supply lasts.

SPECIAL PLANT CATALOGUE

We issue at or about the same time as this catalogue, a special Plant Catalogue, giving descriptions and prices, etc., of Hardy Perennials, Shrubbery, Spring Flowering Bulbs, etc. The room does not permit us to carry out a full line in this catalogue and consequently the issue of the Special Plant Catalogue is necessary.

Those interested especially in this line are privileged to have this catalogue if they will drop us a postal card advising us of their interests.

OUR FALL CATALOGUE

This will be issued in August, giving a complete line of the stocks which we carry, with directions for growing and sowing, also a list of those items which are best suited for Fall planting.

Suggestions

How to Send Money

Remittance should be made either in the form of Express Money Orders, Post Office Order, Bank Draft or Registered Mail. We accept personal check without cost of exchange to our customers. One and two-cent postage stamps will be accepted for small amounts provided they are carefully wrapped so as not to soil and stick together. Cash can be sent by registered mail and a receipt returned you by the post office. You run no risk in sending us money as we are well known and have been engaged in the seed business for many years. As to our financial responsibilty you can ask any bank or trust company in Louisville or refer to the mercantile agencies.

How to Order

Be sure to write your name, post office and shipping point carefully on the order sheet furnished with this catalogue, and always give this information no matter how often you write us. Even if you send personal check with order, please do not neglect to write your name on the order as well as on the check, as they are separated immediately upon opening the envelopes. We would suggest early orders to insure their being filled complete, as there are invariably some stocks which are extremely scarce. We frequently have to disappoint some of our customers on orders sent late in the season.

Freight Shipments

Louisville is splendidly situated for shipping all heavy bulk goods by freight, being so centrally located that rates are very low to a large range of country. We have many steam and electric roads, also boat lines, and splendid facilities for shipping in all directions, and deliver to all freight depots or wharves free of charge. We will gladly quote freight rates from here or give delivered prices on stock.

Packets, ounces, one-quarter and one-half pounds, also pounds are mailed or expressed prepaid. All other sized packages will be sent at purchaser's cost by mail or express as the order may indicate. Postage must be remitted in advance in accordance with parcel post regulations. See diagram showing zones and rates next page. Express rates are explained on the bottom of this page.

Our Store, 219-221 East Jefferson St., Opposite Hay Market

Errors

We all make them, not intentionally, but they will creep in, especially during the busy season. We want you to be sure and *write us at once*, if, on receipt of your order, you find anything wrong.

If you notice an error in the variety of seed ordered, don't plant the seed and expect it to grow something else other than the package would indicate but send it back to us at our expense with a letter explaining and we can assure you that same will be gladly rectified.

It is folly to plant Globe Beets, for example, and expect to grow the long variety. Give us a chance to make good.

Prices

All prices on seeds are made subject to market changes. There are always some crops in short supply and prices on these are bound to advance with the season, hence early orders are advisable.

Market Gardeners

And those using large quantities of seed should send us a list of their requirements. Prices will be furnished promptly, and we can frequently make a substantial reduction on large orders.

Express Rates

There is a special 25% reduction from the Merchandise Rate for Seeds, Plants, Bulbs, etc. In addition to this, rates have been greatly reduced from the previous standing and when shipments are moderate weight and the distance is not too great it is most satisfactory to ship by Express as the service is more prompt.

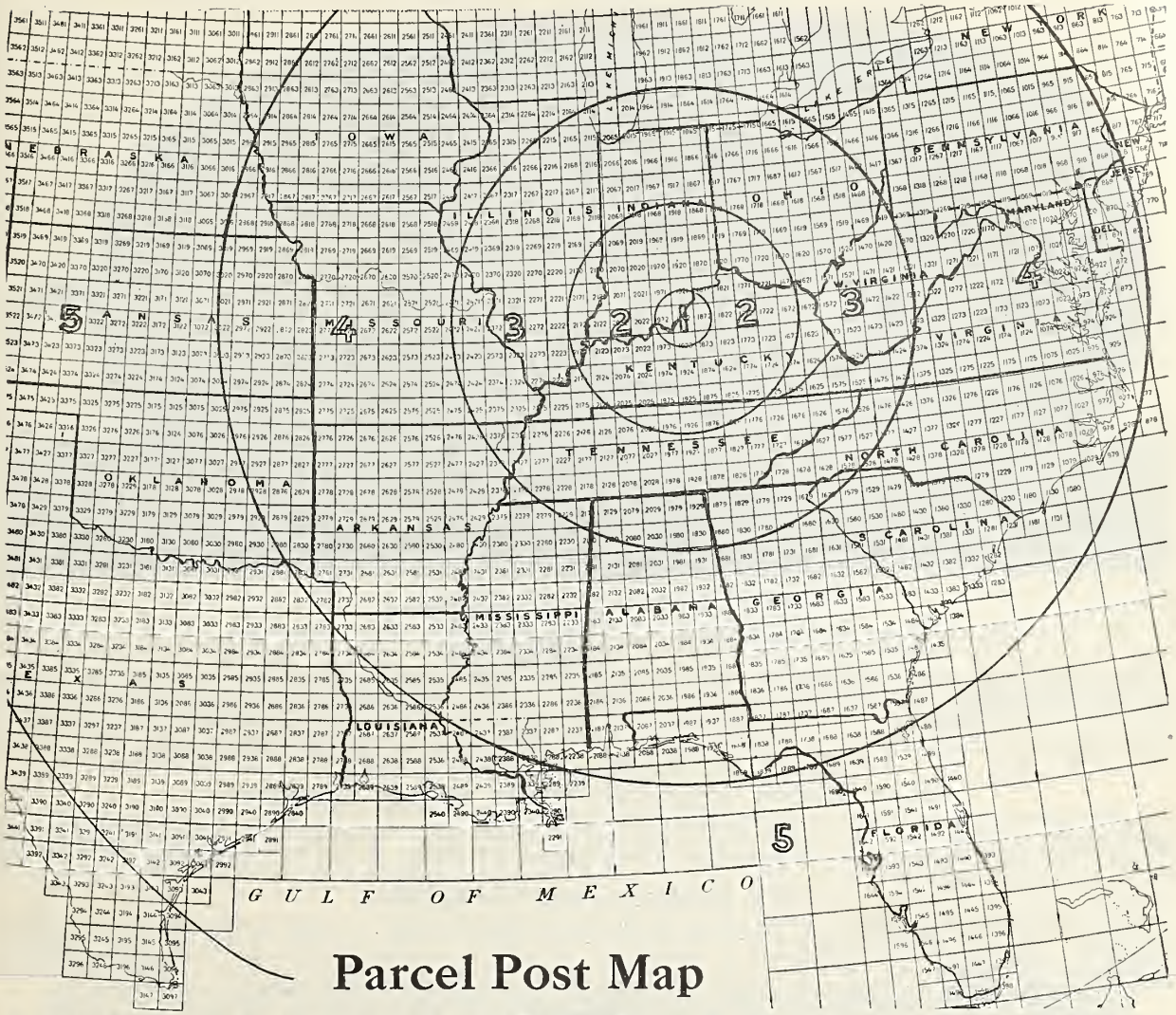
No Orders Sent C. O. D.

Unless one-third of amount is remitted in advance to cover charges.

Non-Warranty

Most of the failure with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success; and, although we take all possible care to supply only such goods as will under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out and will not be in any way responsible for the crop. Every order for articles named in this catalogue will be executed on these conditions only.

It must, however, be plain to everyone who gives the matter the slightest thought, that it is to our best interests to send out only such stock as will not only grow, but prove true to name and description.



Parcel Post Map

This applies from Louisville, No. 1, as shown on map. The first zone extends about fifty miles out from here, the second about 150 miles, the third about 300 miles, the fourth about 600 miles and the fifth about 1000 miles.

Please ask your postmaster what zone you are in, make a note of it and use this map and table.

Seeds, plants and bulbs can be mailed, the rate of postage being 1 cent for each two ounces on packages weighing up to 8 ounces, regardless of distance. **ANYTHING OVER 8 OUNCES TAKES THE POUND RATE;** that is, a package weighing 9 to 15 ounces takes the rate for one pound, and one weighing 16 to 32 ounces takes the rate for two pounds, and so on. **THEREFORE, WHEN YOU WANT ONE POUND OF SEED, REMIT POSTAGE FOR TWO POUNDS, AS PACKING WILL INCREASE THE WEIGHT.** There will only be two or three cents difference.

The weight limit of a single package to Zones 1 and 2 is 50 pounds; to all others, 20 pounds.

We pay postage on all Garden Seeds in packets, ounces, one-fourth and one-half pounds, and pounds.*

Weight	ZONES 1st	2d	3d	4th	5th
1 pound	$0.05	$0.05	$0.06	$0.07	$0.08
2 pounds	.06	.06	.08	.11	.14
3 pounds	.07	.07	.10	.15	.20
4 pounds	.08	.08	.12	.19	.28
5 pounds	.09	.09	.14	.23	.34
6 pounds	.10	.10	.16	.29	.40
7 pounds	.11	.11	.18	.33	.46
8 pounds	.12	.12	.20	.37	.53
9 pounds	.13	.13	.22	.41	.59
10 pounds	.14	.14	.24	.45	.65
11 pounds	.15	.15	.28	.49	.71
12 pounds	.16	.16	.30	.54	.78
13 pounds	.17	.17	.32	.58	.84
14 pounds	.18	.18	.34	.62	.90
15 pounds	.19	.19	.36	.66	.96
16 pounds	.20	.20	.38	.70	1.02
17 pounds	.21	.21	.40	.74	1.09
18 pounds	.22	.22	.42	.79	1.15
19 pounds	.23	.23	.44	.83	1.21
20 pounds	.24	.24	.46	.87	1.27

Weight	ZONES 1st	2d
21 pounds	$0.27	$0.27
22 pounds	.28	.28
23 pounds	.29	.29
24 pounds	.30	.30
25 pounds	.31	.31
26 pounds	.32	.32
27 pounds	.33	.33
28 pounds	.34	.34
29 pounds	.35	.35
30 pounds	.36	.36
31 pounds	.37	.37
32 pounds	.38	.38
33 pounds	.39	.39
34 pounds	.40	.40
35 pounds	.41	.41

Weight	ZONES 1st	2d
36 pounds	$0.42	$0.42
37 pounds	.43	.43
38 pounds	.44	.44
39 pounds	.45	.45
40 pounds	.46	.46
41 pounds	.47	.47
42 pounds	.48	.48
43 pounds	.49	.49
44 pounds	.50	.50
45 pounds	.51	.51
46 pounds	.53	.53
47 pounds	.54	.54
48 pounds	.55	.55
49 pounds	.56	.56
50 pounds	.57	.57

* A package weighing five pounds and going to first zone will require postage the same as a six pound package—or 10 cents. This extra pound postage pays for packing weight.

These figures include new tax rates.

Blue Ribbon Special Tom Watson Watermelon

Blue Ribbon Special Tom Watson Watermelon

We have listed this Watson Melon as one of our specialties for the reason that the strain which we are offering is especially nice this season. A large dark green Melon. The seed was obtained from those Melons which were true to type and extra large in size. No seed was saved from Melons weighing less than 40 pounds. Our endeavor is to handle Melon seed which will give the same high flavor and tenderness and at the same time a Melon which will be good for shipping. We think we have attained this mark as nearly as possible in the Blue Ribbon Special Tom Watson Watermelon. This Melon is an exceptionally heavy yielder and a vigorous grower. Is not subject to the usual diseases of other Melons. We have only a limited quantity to offer and will fill orders as long as it lasts. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.00; 5 lbs., $4.50; postpaid.**

Blue Ribbon Improved White Spine Cucumber

Our Blue Ribbon strain of White Spine is one of the best strains of the White Spine Cucumbers now being grown. It is early, symmetrical, dark green and a heavy producer. We heartily recommend this for truckers and gardeners, both for early and main crops. It is grown extensively in all the large market garden centers. Our Blue Ribbon Strain is very fine and uniform. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.25; 5 lbs., $5.50; postpaid.**

Blue Ribbon Gem Cantaloupe

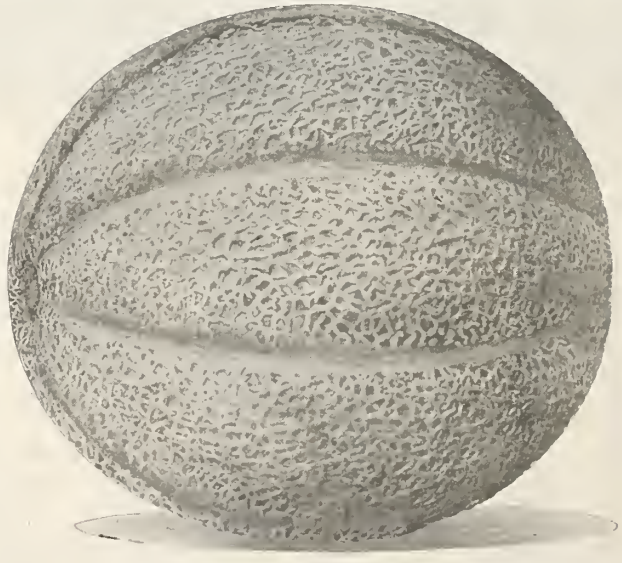
This is a Cantaloupe of special merit and an exceptionally fine Melon of the Rocky Ford type. It is larger, a more vigorous grower and about two weeks earlier than other Melons. It is immune from diseases such as blight and rust and very productive. The flesh is green, very deep and of a rich flavor. Our gardeners here prefer this Melon to any other variety. It produces an exceptionally large crop and is a very profitable Melon for market gardeners or large hotel trade. We wish especially to call your attention to the testimonial of Mr. Yann. Owing to a limited quantity of the stock we have this season we can only fill orders as long as it lasts. **Pkt., 5c; oz., 15c; ¼ lb., 60c; lb., $2.00; postpaid.**

Jefferson County, Ky.,
November 15, 1917.

I have been growing your Blue Ribbon Gem Cantaloupe for a number of years and find it to be one of the best money makers of any melon I have ever used. It has been true to type and grows the proper size that demands the highest market value. They run very uniform, well netted and attractive in appearance. They are free from most of the defects of other cantaloupes, having a strong, vigorous growing vine and set well during adverse conditions.

I highly recommend this to anyone desiring to grow melons for market purposes. I succeeded last season in getting 25 to 50% more for my melons on the market than any other varieties offered.

Very truly,
THOS. R. YANN.



Blue Ribbon Gem Cantaloupe.

Dallas County, Ala.

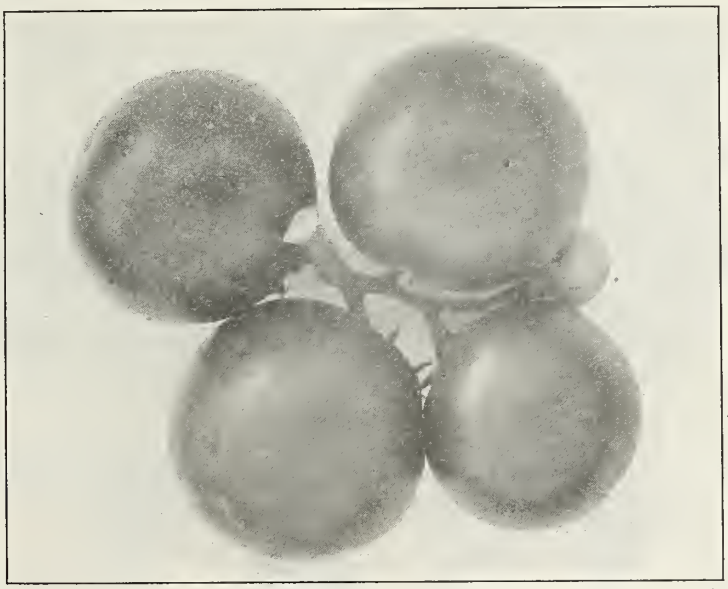
I am sending you a photograph of myself and my watermelon patch which I had this year from seed selected from the Blue Ribbon Seed Store. The melons shown on picture averaged from 40 to 50 lbs. and I got the largest Tom Watson Melons that were grown in this section while having eight weeks drought from the time they were planted. I think they did remarkably well and I advise all watermelon growers to get their seed from Wood, Stubbs & Co.

J. JONES.

Page of Specialties

Blue Ribbon Pioneer Tomato

This is one of the earliest varieties of Tomatoes that we have. It has given excellent satisfaction since it has been on the market, which has been about five or six years. It is large, smooth, and of a purplish crimson color and very productive. Vines always immune from blight and other diseases. An excellent variety both as a keeper and shipper. The vines should be well supported so as to keep the Tomatoes off the ground. Especially used by those desiring a large type for early market. **Pkt., 5c; ½ oz., 20c; oz., 40c; ¼ lb., $1.25; lb., $4.00; postpaid.**



Blue Ribbon Pioneer Tomato

Blue Ribbon Chieftain Peas

We have been working for a number of years on this variety of early peas and have culled and taken out until we believe we have this variety in the shape in which we want to offer it to the public. It can be planted exceedingly early in the season and is very productive; also one of the earliest peas on the market. The demand is increasing largely every season for this Pea as the gardeners everywhere recognize its merit. We believe it is worthy of trial in your garden this season. It is one of the items that we wish especially to list on these two pages, not that it is a novelty by any means, but it is a variety of Pea which deserves consideration. **Pkt., 10c; 1 lb., 30c; postage or express prepaid—5 lbs., $1.25; 25 lbs., $5.50; 100 lbs., $18.00.**

Blue Ribbon Big Boston Lettuce

We have developed our strain of Big Boston Lettuce until we think it has attained the height we desire it to reach. It is superior to any other stock of Big Boston we have seen for some time. We have taken special care to keep this pure and true to type. For the number of years which we have been listing it, we have never known it to revert or to show any deterioration from the original stock. This Big Boston Lettuce is used extensively by the market gardeners here and the demand creates a price far above that of any head lettuce. It is more desirable than any other variety of solid head lettuce on the market at the present time. The heads are large, very solid and free from diseases which affect the other varieties. We recommend this for outdoor as well as hot bed planting and believe you will find no variety superior to this. It does not shoot the heads quickly nor does it crack. We wish to recommend it to you and hope you will give it a trial in your garden this season. **Pkt., 5c; oz., 20c; ¼ lb., 60c; 1 lb., $2.00; 5 lbs., $7.50; postage or express prepaid.**

BLUE RIBBON BIG BOSTON HEAD LETTUCE

Notice the heading qualities and uniformity.

GENERAL LIST OF

Blue Ribbon Vegetable Seeds

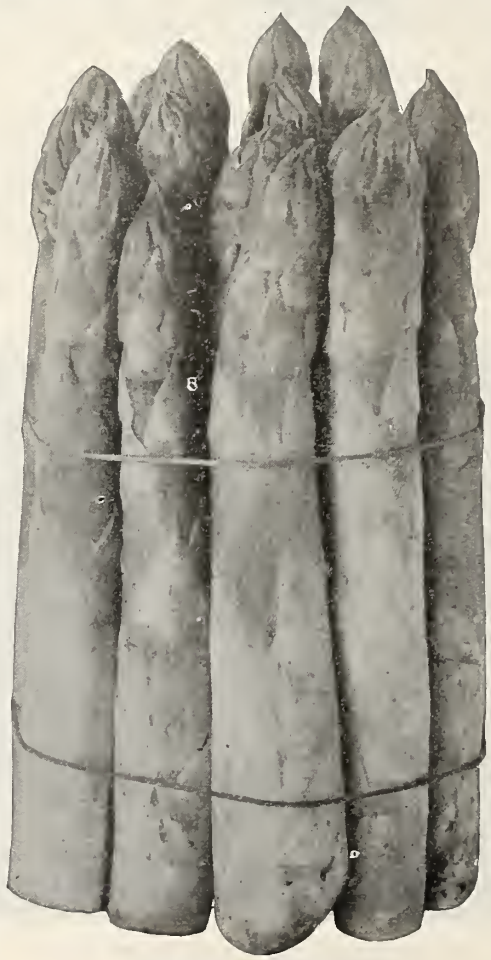
In Bulk and Packets

POSTAGE ON SEEDS—Packets, ounces, one-quarter and one-half pounds and pounds are mailed free or express prepaid at prices quoted. For larger size packages sold by weight, please refer to Parcel Post Map, page 3.

EXPRESS—On seeds and bulbs 25% less than general merchandise rate. Garden and Farm Planting Calendar, page 48. Planting and Maturity Table, page 47.

How to Make An Asparagus Bed

We advise everyone who has a permanent garden or has a little available space along the fence or walk to plant an asparagus bed. Once established, it is good for years. The older the bed, if properly cared for, the better and tenderer the shoots. It is best started in the Spring. We do not recommend Fall planting. Purchase a stock of 2-year old roots, set them from two to three feet apart each way in a trench, dug about 8 to 10 inches deep, covering with about 2 to 3 inches of well rotted stable manure with a little dirt mixed with it. Do not cover the entire trench until after the stocks have worked through to a sufficient height to allow cultivation. The first shoots from the root are very small and tender and as they attain a sufficient height above the level of the soil, the ground should be thrown over them and by the end of the season the trench will be well covered with soil. They should be protected during the winter by a heavy coat of stable manure. Do not, under any circumstances, cut the tender shoots from the bed the first year and cut only occasionally the second year. By the third year, you will have a well established bed and the roots will have attained sufficient size to supply you large tender shoots which can be cut from the first of the season until they begin to get seedy, which is in June. We would not advise cutting after May 15. After this, they should be allowed to go to seed and care should be taken to keep the weeds from the bed during the entire season. After frost hits them in the fall, cut the stalks down, burn them and prepare the bed by covering with stable manure. If this operation is repeated each season, the bed will last indefinitely.



Asparagus Giant Argenteuil

Home Grown Two Year Old Asparagus—Prices 60c for 50; $1.00 for 100; $2.00 for 250 and $8.00 per 1000. Postage or express prepaid. Special prices on large lots.

Asparagus Seed

Columbian Mammoth White—Produces large white shoots, even when not hilled up. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.**

Palmetto—Grown largely in the South. Rather earlier than other varieties. Of good size and quality. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.**

Giant Argenteuil—This is a large variety, very vigorous and of fine flavor. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.**

Conover's Colossal—An old standard variety of good size and very hardy. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.**

Artichoke

Green Globe—Pkt., 10c; oz., 60c; ¼ lb., $2.25.

Jerusalem—Per pound 25c—by mail 40c; pk., 65c; bu., $2.25.

Six bushels plant an acre.

Burpee's or New Stringless Green Pod Bush Beans

DWARF BEANS

Also called String, Bunch and Snap Beans.

Culture

One of the most popular vegetables and very easily produced. They should be sown in succession every two weeks from early Spring until the middle of August. They are sensitive to cold and wet weather and easily killed by the frost. They take from six to eight weeks to produce a crop of Green Beans.

The seed should be sown about one inch deep in rows about two feet apart, the plants to stand about six inches apart in the rows. Do not cultivate when wet. Two pounds or one quart is sufficient for an average family and will sow about one hundred feet of drill. Sixty to one hundred and twenty pounds will seed an acre. Sow repeatedly and have green beans all summer.

WE PAY CHARGES on Beans, Peas and Corn, pounds and less. Buyer pays charges larger quantities.

NOTICE: In the cental system which we have adopted this season for Peas, Beans and Corn, one pound is equivalent to one pint, two pounds is equivalent to one quart and seven pounds is equivalent to one gallon approximately. You can easily figure the quantity by the quantities sown previous seasons. All varieties of Peas, Beans and Corn are priced in this way.

GREEN PODDED VARIETIES

New Stringless Green Pod

A vigorous grower, producing round, green pods of highest quality, being absolutely stringless. It is early, a heavy yielder and valuable alike for market or home garden. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.60; 25 lbs., $7.50; 100 lbs., $28.00.**

Improved Earliest Red Valentine

Try our **Blue Ribbon** strain of this popular variety. We sell hundreds of bushels of it every year. Has fine round pods, is earlier and more prolific than ordinary stocks. Pods are brittle and of good quality. Seed can be sown earlier than that of most varieties on account of the vigor and hardiness of the plants. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.60; 25 lbs., $7.50; 100 lbs., $28.00.**

Giant Stringless Green Pod

Resembles Red Valentine, only about a third larger and almost as early. Pods are quite stringless. Good to follow either of the above. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.60; 25 lbs., $7.50; 100 lbs., $28.00.**

Taylor's Green Pod

A valuable variety for market, owing to its being a week to ten days earlier than Valentine and of fine quality. While not quite so large as the later varieties, it is perfectly stringless and will give satisfaction wherever offered. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.60; 25 lbs., $8.00; 100 lbs., $30.00.**

Dwarf Horticultural or Italian

A compact and upright grower, very productive, with broad, thick pods, which are splashed with red. Used largely for green shelled beans, which are ready for use quite early. They are large and easily shelled. Very popular in this section. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $8.00; 100 lbs., $30.00.**

Tennessee Green Pod

A popular variety in the South on account of its extreme hardiness and productiveness. It can be planted earlier than any other variety. The pods are large, flat and not entirely stringless. Its chief recommendations are earliness and vigor. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $8.00; 100 lbs., $30.00.**

Hopkins Red Valentine

A standard variety of the early Valentine bean. This standard variety has been used extensively throughout the country and has always proven very satisfactory. Produces abundantly and can always be depended upon to yield a crop. Pods are brittle, good size, and hang very abundantly on the stalks. On account of its great productiveness, it is very popular with the market gardeners. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.60; 25 lbs., $7.50; 100 lbs., $28.00.**

Black Valentine

A strong grower and very hardy. It produces much larger pods than the Red Valentine and is hardier, but rather later than this variety. A good bearer and attractive in appearance, making it a good market variety. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.60; 25 lbs., $7.50; 100 lbs., $28.00.**

GREEN PODS—Continued

WE PAY CHARGES on Beans, Peas and Corn, pounds and less. Buyer pays charges larger quantities.

Dwarf White Navy Beans

Improved Refugee or 1000 to 1

A round pod variety, with larger pods than Valentine; very heavy yielder. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.60; 25 lbs., $7.00; 100 lbs., $27.00.**

Early Yellow Six Weeks

We have a very much improved strain of the old variety. It is very early and produces large, flat pods of good quality. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.60; 25 lbs., $7.00; 100 lbs., $27.00.**

Extra Early Refugee

An old standard variety of round pod, green beans, which stands shipping well and is quite largely used on account of being quite early and of good quality. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.60; 25 lbs., $7.00; 100 lbs., $27.00.**

VARIETIES FOR SHELLED BEANS ONLY

Royal Dwarf or White Kidney

Rather late, with large, kidney-shaped, white beans. Good either green or dry. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.60; 25 lbs., $7.00; 100 lbs., $27.00.**

French Red Kidney

Very similar to the above, except in color, the beans being a deep red. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.40; 25 lbs., $6.00; 100 lbs., $20.00.**

Dwarf White Navy

This is the small marrow or pea bean so largely used in a dry state. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.40; 25 lbs., $5.50; 100 lbs., $20.00.**

Dwarf White Marrow

A very heavy yielder and quite free from rust. While not a pole bean, it throws out tendrils; kidney-shaped. Fine quality. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.50; 25 lbs., $7.00; 100 lbs., $25.00.**

WAX PODDED VARIETIES (Bush)

Wardwell's Kidney Wax

A wonderfully popular variety, largely planted both for the market and home garden. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $8.00; 100 lbs., $30.00.**

Keeney's Rustless Golden Wax

A very heavy yielder and quite free from rust. While not a pole bean, it throws out tendrils and grows vigorously, producing long, flat yellow pods in great abundance. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $7.50; 100 lbs., $28.00.**

Dwarf German or Black Wax

An old-time variety which is hardy and produces handsome pods of good quality. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—(5 lbs., $1.75; 25 lbs., $7.50; 100 lbs., $28.00.**

Davis White Wax

A very desirable wax podded variety, with white kidney-shaped seed, which can be utilized when dry in same manner as the ordinary Navy bean. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $8.00; 100 lbs., $30.00.**

Dwarf Golden Wax

An early stringless wax bean of good quality, the pods being of a bright yellow. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $7.50; 100 lbs., $28.00.**

Curries Rust Proof Wax Beans

Pods about 6 inches long, bright golden color; first class shipping wax bean. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $7.50; 100 lbs., $28.00.**

Round Podded Kidney Wax

Producing large, long, round, handsome, stringless pods of exceptional size; early. **Pkt., 10c; 1lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $7.75; 100 lbs., $30.00.**

Wardwell's Kidney Wax Beans

POLE OR CORN FIELD BEANS

THESE are much stronger growers than Bush Beans and require good, strong stakes. They give a much greater yield than bush beans, but being more tender should never be planted before May in this section. Use poles about 8 feet long and set firmly four feet apart each way. Plant five to eight beans in a hill, one and one-half to two inches deep. When well started, thin to four plants in a hill. They are sometimes planted in the hills of field corn. One quart will plant 200 hills; one-half bushel an acre.

WE PAY CHARGES on Beans, Peas and Corn, pounds and less. Buyer pays charges larger quantities.

Kentucky Wonder, Old Homestead, Texas Wonder

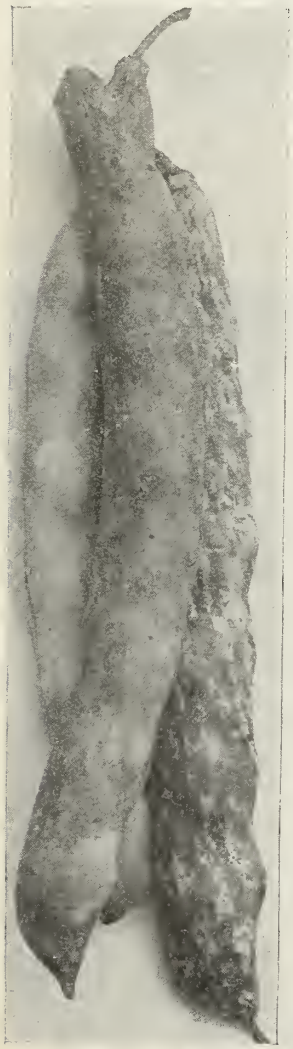
This is more largely grown than any of the other varieties on account of its being very vigorous and productive. The pods are often 9 or 10 inches long, being borne in large clusters, and are quite stringless when young. The plants will continue to bear for weeks if the beans are gathered as fast as they come to a suitable size. It is early and the best general purpose bean in the list. We make a specialty of this, and growers should try our **Blue Ribbon Strain.** **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.60; 25 lbs., $7.00; 100 lbs., $25.00.**

White Seeded Kentucky Wonder

Similar to the above, except that the seed is white and pods not quite so large. It is desirable as a dry bean for Winter use. Known also as Berger's Stringless Green Pod. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.60; 25 lbs., $7.00; 100 lbs., $25.00.**

Horticultural Pole, October or Speckled Cranberry

A well-known variety, with beans of high quality, either green or dry. Not as vigorous a grower as some of the others. Also known as "Wren's Egg." **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.60; 25 lbs., $7.00; 100 lbs., $25.00.**



Horticultural Pole Bean

Red Speckled Cut Short or Corn Field

A popular variety for growing in corn, the vines being lighter than other varieties and will even grow without support; quite productive and of good quality. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.60; 25 lbs., $7.00; 100 lbs., $27.00.**

Fat Horse or Creaseback

Especially valuable on account of its earliness and the fact that the entire crop may generally be harvested at one time. The vines are small, but produce large crops on good soil. Very good quality as snap beans, but the seed is rather small to shell green. Fine to use in the dry state. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.60; 25 lbs., $7.00; 100 lbs., $27.00.**

Lazy Wife

This is a good variety for either snap beans or to be shelled when green. The medium-sized pods are borne in clusters and are stringless and of fine quality. The dry beans are white and valuable for Winter use. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $8.00.**

Golden Cluster Wax Pole

Very early; seem to bear exceptionally well; pods 6 to 8 inches long in abundant clusters, tender, with excellent flavor. Desirable for dry shelled beans for Winter. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $8.00.**

Striped Creaseback, Scotia or Nancy Davis

Plants large, compact; a vigorous grower; pods about 7 inches long; almost straight or slightly bent backward at the end. Pods round, well filled and good quality. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $8.00; 100 lbs., $30.00.**

Kentucky Wonder Wax

This vigorous wax podded pole bean is very similar to the green podded Kentucky Wonder but the pods are a little broader. They are very fleshy and stringless as snaps and are of excellent quality. The pods are very long, handsome light yellow, often eight to nine inches in length. Seed medium sized, oval, flattened, very irregular, usually somewhat shriveled, dark brown. Its earliness and hardiness commend this as a pole bean well adapted even for northern latitudes. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.60; 25 lbs., $7.00; 100 lbs., $27.00.**

Improved Kentucky Wonder Pole Bean

WOOD'S PROLIFIC BUSH LIMA BEAN

LIMA BEANS

DWARF OR BUSH VARIETIES

WE PAY CHARGES on Beans, Peas, and Corn, pounds and less. Buyer pays charges larger quantities.

We recommend this type, as the Beans are much more easily grown and gathered than the pole varieties. They can be grown closer together, the quality is equally as good, and as a rule the dwarf varieties are earlier than the pole Limas. No Lima should be planted until the ground is dry, weather warm and danger of frost is passed. They do best in light, rich soil. Plant in rows two to three feet apart, the seeds three to four inches apart and about two inches deep. When planted in hills, put five beans in a hill, making the hills 2½ feet apart each way. Two pounds of the large-seeded varieties will plant 100 hills; of the small-seeded, 200 hills. It requires sixty and ninety pounds, respectively, to plant an acre. Never cultivate when the plants are damp. They mature in from 75 to 90 days from planting.

Burpee's Improved Bush Lima

Pods very large, borne freely, and well filled with beans of larger size than the old type. It is of fine bush form and several days earlier than other large varieties. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $8.00; 100 lbs., $30.00.**

Fordhook Bush Lima

By many this is considered the best of the Dwarf Limas. The pods are large and contain four or five very thick beans of highest quality, and are very freely produced. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $8.00; 100 lbs., $30.00.**

Wood's Prolific

Wonderfully prolific bush Lima, somewhat similar to Henderson's, but a heavier cropper and the beans are much larger. It is one of the earliest of all and is the best of the small-seeded bush Limas. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.65; 25 lbs., $7.00; 100 lbs., $27.00.**

New Wonder Bush Lima

This is a large-seeded variety, much more productive than the original type of Burpee's Bush. It matures in mid-season and bears until frost. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $8.00; 100 lbs., $30.00.**

Henderson's Bush Lima

An old variety, the earliest of all, and very productive, bearing quantities of small beans right up until frost. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.65; 25 lbs., $7.00; 100 lbs., $27.00.**

Burpee's Bush Lima

This is the dwarf or bush form of the Large White pole variety. The large size of the beans makes it attractive. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $8.00; 100 lbs., $30.00.**

POLE VARIETIES

Carpinteria

All things considered, this is undoubtedly the best pole Lima. It is unusually vigorous and produces a heavy crop of large pods, which contain three to four beans of extra size and having a peculiar greenish tinge, denoting superior quality. It is highly recommended both for the home garden and market. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.50; 25 lbs., $7.00; 100 lbs., $27.00.**

Ford's Mammoth

A strong grower, producing extra long pods, which contain five to seven large beans of good quality. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.65; 25 lbs., $7.00; 100 lbs., $27.00.**

King of the Garden

This variety produces very large pods, hence is a favorite with market growers. The pods usually contain four to five immense beans. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.65; 25 lbs., $7.00; 100 lbs., $27.00.**

Small Lima or Butter Bean

Also called Sieva or Carolina. Not nearly so large as the other varieties, but a good bearer and about ten days earlier than the other varieties. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.65; 25 lbs., $7.00; 100 lbs., $27.00.**

Large White Lima

A good variety, producing large pods and beans. Pods borne in clusters. A standard variety. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.65; 25 lbs., $7.00; 100 lbs., $27.00.**

Jersey Extra Early

A standard early variety, with rather small pods. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.65; 25 lbs., $7.00; 100 lbs., $27.00.**

BURPEE'S IMPROVED BUSH LIMA BEAN

GARDEN BEETS

Blue Ribbon Strain

Any good garden soil will grow Beets. Soil enriched by previous season manuring recommended. For early use, sow in hot-beds in January or February and when they are about 1½ inches high, they can be transplanted, as soon as the ground is sufficiently dry to be worked. Put in rows 15 inches apart and about 1 inch deep and pack the soil well over the plant. The seed sown in rows should be thinned in order to produce the best results. One ounce will sow 50 feet of drill. Ready to use in about six weeks.

Mangels or Sugar Beets should be soaked in water before planting. An ounce will sow a 50-foot drill; 7 lbs. will seed an acre. Produces crop within fifty to seventy days, according to variety.

Our **Blue Ribbon Strain** is French grown and is of the very finest quality obtainable. We recommend them very highly.

Crosby's Improved Egyptian

Used very largely by market gardeners. It is early, has small tops, is of a flattened globe shape and a bright red color. It is an ideal variety for either home garden or market. Our **Blue Ribbon Strain** is extra fine French stock, far superior to American grown seed. **Pkt., 5c; oz., 15e; ¼ lb., 50e; lb., $1.75; 5 lbs., $8.00; postpaid.**

Detroit Dark Red

A wonderfully popular Beet, being a beautiful deep red color and a fine globe shape. We have an exceptionally fine strain of this. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.75; 5 lbs., $8.00; postpaid.**

Extra Early Eclipse

Our **Blue Ribbon Strain** of this well known variety is extra fine. It is very early and uniform; rather top shaped, of a bright red color. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.75; 5 lbs., $8.00; postpaid.**

Early Electric

A very fine early Beet; color is dark crimson with rings of a lighter red, smooth and globular, with leaves small and compact. **Pkt., 5e; oz., 15c; ¼ lb., 50c; lb., $1.75; 5 lbs., $8.00; postpaid.**

Extra Early Egyptian

A small, very early variety, used for first crop and forcing. Roots of good quality and deep red color. **Pkt., 5e; oz 15e; ¼ lb., 50e; lb., $1.50; postpaid.**

Crosby's Egyptian Beet

Half Long Blood

A valuable variety for Winter. Keeps better than any other. **Pkt., 5c; oz., 15c; ¼ lb., 50e; lb., $1.50; postpaid.**

Bastian's Early Blood Turnip

An early turnip-shaped variety, bright red and of good quality. Flesh not so dark as some varieties. **Pkt., 5e; oz., 15c; ¼ lb., 50c; lb., $1.50; postpaid.**

Long Smooth Blood

Late variety producing long roots. Excellent keeper; good quality. **Pkt., 5e; oz., 15c; ¼ lb., 50c; lb., $1.50; postpaid.**

Edmond's Early Blood Turnip

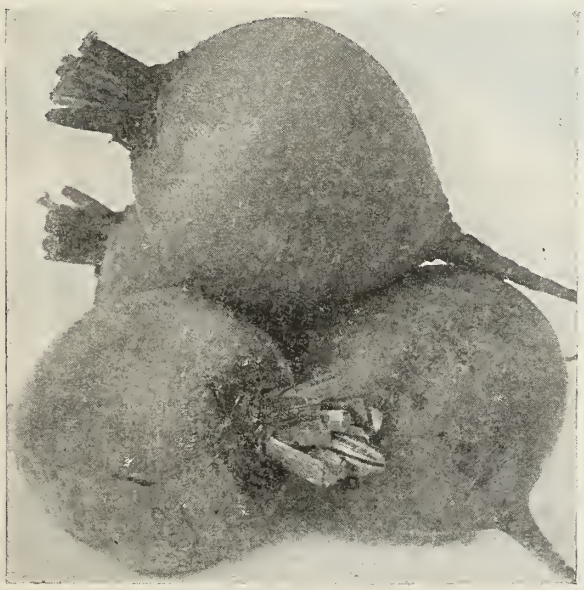
A standard main crop variety. Good keeper. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50; postpaid.**

Improved Early Blood Turnip

Somewhat similar to the Detroit Dark Red but larger and much later. A fine variety for Summer and Fall use. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50; postpaid.**

Swiss Chard

A variety of Beet producing large and tender foliage, but does not develop a large root. When young the plants are used for greens. The leaves have large mid-ribs which are used in the same manner as Asparagus and are a fine addition to the list of Summer vegetables. **Pkt., 5c; oz., 15e; ¼ lb., 60c; lb., $2.00; postpaid.**



Detroit Dark Red Beet

Mangels and Sugar Beets

Every farmer should grow these for stock-feeding. Plant the same as other Beets and thin out, leaving one plant every eight or ten inches apart.

Golden Tankard

Especially good for dairy feeding. It is a bright yellow color and a heavy yielder; very nutritious. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.00; postpaid.**

Mammoth Prize Long Red

Dark red and grows very large. Good for deep loamy soils, producing immense crops. **Pkt., 5e; oz., 10c; ¼ lb., 35c; lb., $1.00; 5 lbs., $4.75; postpaid.**

Half Sugar Mangel for Stock Feeding

Giant Feeding Sugar Beet or Half Sugar Mangel. Desirable for stock feeding, affording not only a very large crop much easier to harvest than other sorts but also having higher nutritive value, being especially rich in sugar. The roots are light bronze green above ground, grayish white below, with white flesh. On account of growing partly out of the ground and the long ovoid shape the crop can be harvested and stored easily and at less expense than any other root crop. **Pkt., 5c; oz., 10e; ¼ lb., 35c; lb., $1.00; postpaid.**

CABBAGE

There is no crop of which the quality of the seed is more important than this, and in order to grow profitable crops the ground must be well enriched and cultivation thorough. For early use, seed can be started in January and February. For mid-Summer, in March, and for late Fall and Winter, seed can be sown up to the first of June. The plants can be set from 18 to 36 inches apart each way, according to variety. When the heads are mature they are inclined to crack and this may be prevented somewhat by loosening the roots, pushing the plants over on one side, accomplishing the desired results. Slug Shot, if sprinkled over the plants when damp will usually keep down the green worms which are troublesome, but this should not be used once the heads are developed. One ounce will produce 1500 plants; six ounces sown are enough for an acre.

Frost-Proof Cabbage Plants

These hardy Cabbage plants can be set out a month or six weeks earlier than home grown plants. The condition under which they are grown makes them very tough and hardy. The buds are purple, the outer leaves a reddish brown, which gives them a hard, stunted appearance, nevertheless they will produce the crop results. Eight to ten degrees above zero will not injure them, as they have an established root growth, obtained only in field grown plants.

To get the advantage of these frost-proof Cabbage plants they must be planted a month or six weeks earlier than you would plant home-grown plants.

We will make freight delivery, and can supply direct from our grower, Early Jersey, Charleston Wakefield, Succession and Early Flat Dutch from January 1st to April 15th at the following rates:

By express, purchaser paying charges: **500 for $1.00; 1000 to 5000, $1.50 per M; 8000 at $1.25 per M,** f. o. b. Yonges Island. By parcel post, postage paid: **35c for 100 plants** to all places in the postal union. On larger quantities the following prices apply: Georgia, Louisiana, Mississippi, North Carolina and South Carolina, **500 plants for $1.25; 1000 or more $2.20 per 1000.** Group No. 2: Alabama, Arkansas, Florida, Kentucky, Missouri, Ohio, Tennessee, Virginia, and West Virginia, **500 for $1.40; 1000 or more $2.45 per 1000.** No plants sent C. O. D.

"Blue Ribbon" Charleston Wakefield Cabbage

All Head Early

A very fine flat head Summer Cabbage. **Pkt., 5c; oz., 35c; ¼ lb., $1.25; lb., $4.00; postpaid.**

Early Flat Dutch

This very desirable Cabbage comes just at a time when there is an excellent demand for the flat head varieties and maturing at a time when the market usually pays the highest prices; heads are solid and good quality. It is a very reliable cropper and can be depended on. Our strain of this is the very best quality and carefully selected. **Pkt., 5c; oz., 35c; ¼ lb., $1.25; lb., $4.00; postpaid.**

Copenhagen Market Cabbage

Early Varieties

Large or Charleston Wakefield

Blue Ribbon Strain, similar to the above, but larger and about a week later than the regular type of Wakefield. The principal variety planted now for early market. All that has been said of the above applies to this popular variety. **Pkt., 5c; oz., 40c; ¼ lb., $1.50; lb., $5.00; postpaid.**

Early Jersey Wakefield

The standard first early pointed head variety. Can be planted closer than other kinds on account of its compact growth. It is very reliable, practically every plant making a head. Our **Blue Ribbon Strain** is especially fine and will be found very uniform. **Pkt., 5c; oz., 40c; ¼ lb., $1.50; lb., $5.00; postpaid.**

Early Flat Dutch Cabbage

Copenhagen Market

This is a round-headed, extra-early Cabbage, which has come to the front very fast. It might be called an extra-early type of Danish Ballhead, the shape and quality being much like that fine late cabbage. Our strain has a short stem and produces a solid round head. The crop matures very evenly and practically all of it can be cut at one time. **Pkt., 5c; ½ oz., 25c; oz., 50c; ¼ lb., $1.75; lb., $6.00; postpaid.**

Early Winningstadt

An exceptionally hardy pointed-head variety. A little later than the Wakefield; a sure header. **Pkt., 5c; oz., 35c; ¼ lb., $1.25; lb., $4.00; postpaid.**

Large York

A standard, medium-sized variety. **Pkt., 5c; oz., 30c; ¼ lb., $1.00; lb., $3.50; postpaid.**

NOTICE: In the cental system which we have adopted this season for Peas, Beans, and Corn, one pound is equivalent to one pint, two pounds is equivalent to one quart and seven pounds is equivalent to one gallon, approximately. You can easily figure the quantity by the quantities sown previous seasons. All varieties of Peas, Beans, and Corn are figured in this way.

Mid-Season and Late Varieties

Danish Ball-Head or Hollander

An exceptionally fine late Cabbage, planted very extensively in the North for Winter Cabbage. It produces solid, round heads which have remarkable keeping qualities. There is no finer Winter variety for all purposes. Pkt., 5c; oz., 40c; ¼ lb., $1.50; lb., $5.00; postpaid.

Solid South

A grand Cabbage for second early, maturing about the same season as Early Summer. It makes large, very solid heads of fine quality, is very uniform in maturing and is largely used by truckers and market gardeners. Pkt., 5c; oz., 35c.; ¼ lb., $1.25; lb., $4.00; postpaid.

Early Summer

A variety largely used for second early and an exceptionally good Cabbage. Produces large, solid heads. Pkt., 5c; oz., 35c; ¼ lb., $1.25; lb., $4.00; postpaid.

All Seasons

One of the largest mid-season Cabbages and a very hardy variety, somewhat like Flat Dutch in shape. Pkt., 5c; oz., 35c; ¼ lb., $1.25; lb., $4.00; postpaid.

Danish Ball-Head Cabbage

Colquitt Co., Ga.

Sometime ago I bought some cabbage seed from you and will likely want a lot for the coming Fall and Winter. Those seeds bought of you were the best I ever got outside of the growers stock and the price was right as I could see and hope you will have just such stock to quote me for this time. G. A. SHAVER.

Louisville Drumhead

A variety largely grown in this vicinity for Summer and Fall crop. Has short stems and produces large, solid, compact heads. We can supply either home-grown or Northern-grown seed of high quality.

Home Grown—Pkt., 5c; oz., 50c; ¼ lb., $1.75; lb., $6.00; postpaid.

Northern Grown—Pkt., 5c; oz., 35c; ¼ lb., $1.25; lb., $4.00; postpaid.

Henderson's Succession

Resembles All Seasons, except that it is earlier. It is so solid that it is used largely for a Fall Cabbage. Pkt., 5c; oz., 35c; ¼ lb., 1.25; lb., $4.00; postpaid.

Early Drumhead

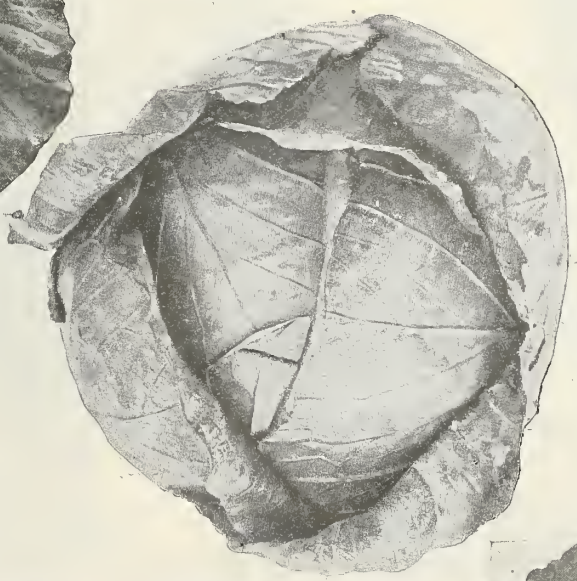
Resembles Early Summer. Pkt. 5c; oz., 35c; ¼ lb., $1.25; lb., $4.00; postpaid.

Large Surehead

A very reliable late Cabbage. Pkt., 5c; oz., 35c; ¼ lb., $1.25; lb., $4.00; postpaid.

Large Late Drumhead

Produces a very large, solid and deep head. Splendid keeper. Pkt., 5c; oz., 35c; ¼ lb., $1.25; lb. $4.00; postpaid.



Louisville Drumhead Cabbage

Prize Head Late Flat Dutch

The best known Winter Cabbage. None more reliable in heading. It produces heavy flat heads, very compact, and keeps splendidly. Our Blue Ribbon Strain of this variety is grand. Pkt., 5c; oz., 35c; ¼ lb., $1.25; lb., $4.00; postpaid.

Mammoth Rock Red

This is the finest variety of red Cabbage, producing fine solid heads of extra good quality. Pkt., 5c; oz., 35c; ¼ lb., $1.25; lb., $4.00; postpaid.

American Perfection Drumhead Savoy

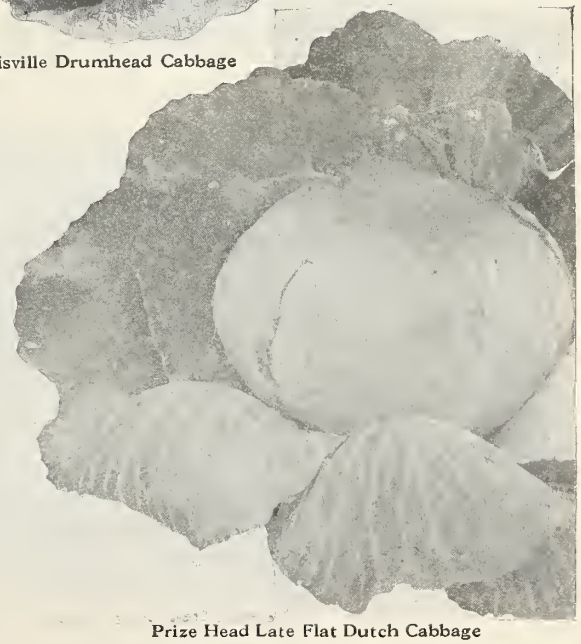
The Savoy Cabbage is not grown as much as it should be. The quality is very fine, especially after frost. Pkt., 5c; oz., 35c; ¼ lb., $1.25; lb., $4.00; postpaid.

Chinese Improved Cabbage

The strain we offer resembles when well grown Cos Lettuce rather than Cabbage. It is often called Celery Cabbage on the market.

The leaves when young are crimped, of light green color and appear like smooth leaved mustard but with much broader and heavier midribs. The plant as it matures becomes more up-right and forms heads much like Cos Lettuce. The inner leaves blanch an attractive light yellow or creamy white with very white midribs. It is of distinctive flavor, very mild and pleasant. It is served as a salad like lettuce or cooked like asparagus.

Sow in this latitude after June 1st at the same time as turnips. Early plantings run quickly to seed in hot weather. Sow in drills fourteen to twenty inches apart and thin two or three times; or if grown for the market start in boxes and transplant like late cabbage. Pkt., 10c; oz., 40c; 2 oz., 70c; ¼ lb., $1.50; postpaid.



Prize Head Late Flat Dutch Cabbage

CARROTS

Sow as early as the ground is in working order in rows 15 to 18 inches apart, covering the seed about an inch, and be sure to press the soil firmly over the seed, as it takes some time to grow, and should be kept moist. When well up, thin to four inches apart in the row. One ounce sows 100 feet of drill. Roots are ready for use in about a month and a half. They can be kept in good condition through the Winter if packed in moist soil and kept in a frost-proof place.

Chantenay Carrot

Scarlet Intermediate

A popular variety for home garden or market. It is a pointed Carrot of medium length and good quality. It grows quite large but seldom has any core. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $1.75; postpaid.

Early Scarlet Horn

One of the earliest used for forcing on account of its small tops and quick growth; also for early crop outdoors. Roots, when fully grown are about 2½ inches long. Should be used young. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $1.75; postpaid.

Chantenay

One of the most popular varieties grown. Good for all purposes. A heavy yielder of fine grained roots of good flavor. It is a half-long stump-rooted variety, easily pulled, and while considered a medium early comes on so rapidly that it is frequently ready for use with first earliest. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $2.00; postpaid.

Danvers Half-Long

Grows well on all soils; is very productive and easy to pull. Grows about six inches long; is tender; fine quality. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $1.75; postpaid.

Half-Long Scarlet

A medium-sized, stump-rooted Carrot; very smooth and of good flavor; grows about five inches long and is a good yielder. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $1.75; postpaid.

Improved Long Orange Carrot

Improved Long Orange

This is very generally grown for main crop. The roots are long and pointed and free from side roots. A good Winter Carrot. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $1.50; postpaid.

Large White Belgian

This is for stock feeding. It grows very large and is very nutritious. Should be more largely planted. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.00; postpaid.

Oxheart or Guerande

A valuable variety for hard, stiff soils, as it only grows about four inches long, but is quite thick, ending abruptly in a small tap root. The quality is excellent and this variety is fine for home garden. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $1.75; postpaid.

Danvers Half-Long Carrot

COLLARDS

Known in some sections as "Cole," "Colevart" and "Greens." A plant somewhat resembling Cabbage or Kale, used for greens and very popular in the South. It does not form a head, but produces a thick tuft of leaves and continues to grow over a long period. Makes valuable feed for stock. Culture same as Cabbage.

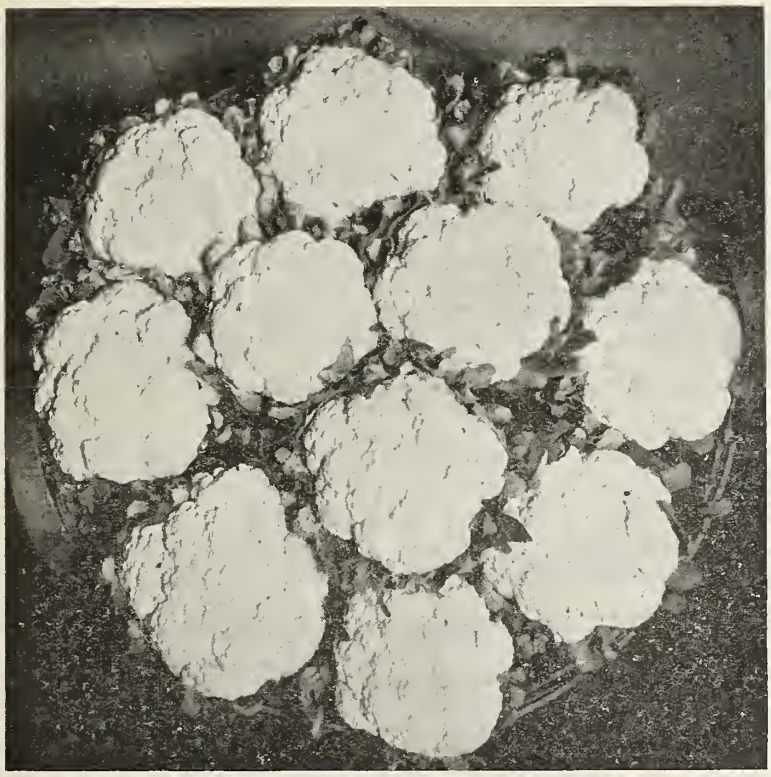
North Carolina Short-Stem

The best variety in cultivation. Has a short stem with large spreading leaves, and is exceptionally hardy. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.25; postpaid.

True Georgia

The old standard variety, largely used in the South. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.25; postpaid.

Jackson County, Ky.
My garden is fine. This is the third year I have used your seeds and have found them to be very satisfactory. A. J. BENNETT.



Blue Ribbon Snowball Cauliflower—20c per Pkt.

Cauliflower

A vegetable requiring very rich soil, constant culture, plenty of moisture and careful attention. Not as hardy as Cabbage in resistance to hot, dry or cold weather. For early use, sow in hot-beds in January or February and when plants are large enough transplant. For later use, sow in June and treat as late Cabbage. Set plants out 15 to 18 inches apart and rows 3 feet apart. The soil should not be richer than that from which they were taken. When the heads begin to form, tie up the outer leaves to protect the head from sun and weather. This prevents them from becoming bitter and spreading and forming worthless and unsalable heads. This bleaching can also be accomplished by breaking the ribs of the inside leaves and allowing them to fall over the head. The same results are accomplished by tying them up. One ounce will produce 500 plants; 3 ounces will make enough to plant an acre. This plant is always in ready demand and at an excellent price at the different market centers.

We can supply plants in season. They can be forwarded only by express, but will not carry properly by parcel post. **Price, 30c per dozen; $2.00 per 100; $18.00 per 1000.**

Blue Ribbon Snowball

Every grower of Cauliflower should use Blue Ribbon Snowball. It is a Blue Ribbon strain, developed in Denmark by a specialist from whom we secure the seed direct. Its growth is compact and uniform and it produces beautiful heads of snowy whiteness. Be sure and specify Blue Ribbon Snowball on your order. You will be glad you did. **Pkt., 20c; ¼ oz., 85c; oz., $3.00.**

Danish Giant or Dryweather

This is a large variety, later than Snowball, and a very vigorous grower. On account of its leaf growth appears to stand the dry weather better than most varieties. **Pkt., 20c; ¼ oz., 85c; oz., $3.00.**

Extra-Early Dwarf Erfurt

Very similar to Early Snowball, but not so early. It is a vigorous grower and sure header. **Pkt., 15c; ¼ oz., 85c; oz., $3.00.**

Cauliflower Plants

We can supply, during the season, strong, well formed Cauliflower Plants at 25c per dozen; $2.00 per 100. Special prices in large lots. Cauliflower, like Cabbage, can be sent by mail. Add 5c per dozen for postage. We recommend forwarding by express, as they carry and reach destination in better shape.

Danish Perfection Cauliflower

Resembles somewhat our Blue Ribbon Snowball, but not quite as large. Under ordinary conditions can be depended upon to head very satisfactorily; a vigorous grower; plants strong and upright; a comparatively new variety of great merit. Those desiring an ideal Cauliflower for home purpose will find this one of the best. **Pkt., 20c; ¼ oz., 85c; oz., $3.00.**

Early Snowball

A standard variety. Early and reliable. Our seed is extra fine. **Pkt., 15c; ¼ oz., 75c; oz., $2.50.**

Broccoli

A vegetable resembling Cauliflower, but requiring a long, cool season. The heads are not as compact as Cauliflower, but the plants are hardier; should be given the same treatment. **Pkt., 15c; oz., 70c; ¼ lb., $2.25; postpaid.**

Brussels Sprouts

A plant belonging to the Cabbage family, growing more upright and producing small buds similar to miniature Cabbage all along the stems. These are pulled and cooked in a similar way to Cabbage, being very tender and of fine flavor. Sow seed in May and treat like late Cabbage.

Perfection

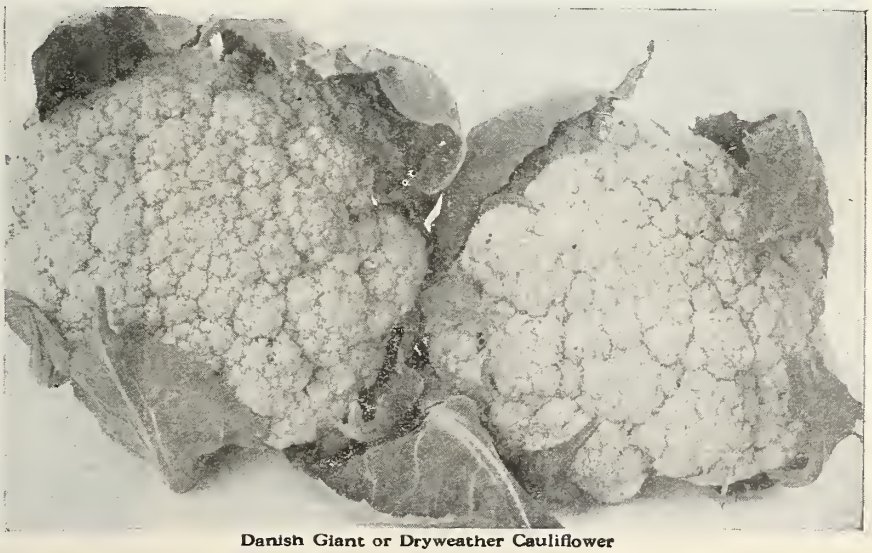
The best variety, producing many large sprouts. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., $1.00; lb., $3.00; postpaid.**

Lincoln County, Tenn.

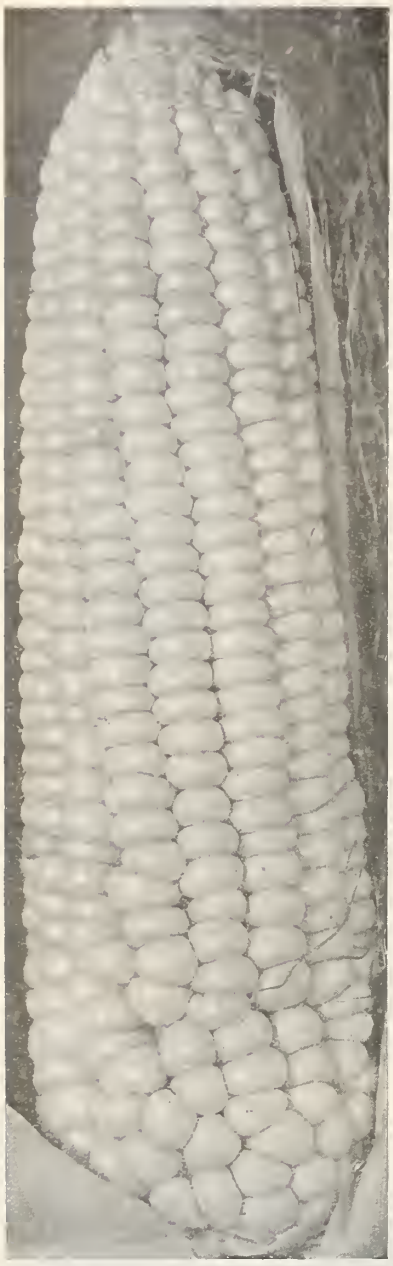
The Blue Ribbon Snow Ball Cauliflower seed purchased from you last season germinated very satisfactorily indeed and the plants put out produced enormous heads. About 95% of the plants headed satisfactorily and made saleable stock.

Anyone desiring a sure-heading variety should sow your Blue Ribbon Snowball variety. Yours very truly,

HENRY MUELLER.



Danish Giant or Dryweather Cauliflower



Early Northern Field Corn

GARDEN CORN

The early Garden Corns, such as the Adams and Early Northern Field Corn, can be planted the end of March or early in April. Sugar Corns cannot be planted until the ground begins to get warm. Frequent cultivation is necessary to have good Corn. The Adams and Northern Field Corn can be planted in rows three feet apart, the grains about 12 to 15 inches apart, one inch deep or in hills of six grains, three feet apart each way. The Sugar or Sweet Corns can be handled about the same except that such dwarf varieties as Golden Bantam and Mammoth White Cory can be planted rather closer. For succession, one can either plant several varieties which mature at different seasons or use one variety and plant every two weeks up to July. One pound will plant 200 hills, 12 to 16 pounds an acre. It will be ready for the table in from sixty to seventy days from planting.

EXTRA EARLY AND EARLY VARIETIES

(Not Sugar Corn)

WE PAY CHARGES on Corn, Beans and Peas, pounds and less. Buyer pays charges larger quantities.

Extra Early Adams

The earliest variety and can be planted first of all. It bears small, thick ears, close to the ground. Being a dwarf variety, it can be planted closer than the others. **Pkt., 10c; 1 lb., 30c; postage or express prepaid—5 lbs., 85c; 25 lbs., $3.25; 100 lbs., $12.00.**

Early Adams or Burlington

A little later and larger than the above. Stalks grow about six feet high; ears about eight inches long with twelve to fourteen rows. **Pkt., 10c; 1 lb., 30c; postage or express prepaid—5 lbs., 85c; 25 lbs., $3.25; 100 lbs., $12.00.**

Fayette County, Kentucky, October 1, 1917.

The early Northern corn that I purchased from you last spring was planted on a piece of ground that was reasonably enriched, and I am glad to tell you that it produced this season the finest crop of corn that I have ever raised.

It was planted about the time that other field corns were being put in, and it matured much earlier than the other varieties, and thereby avoided the early frost.

There are plenty of the ears that run from 8 to 11 inches, and they are sound and in good condition.

The fodder also produced is equally as large and as well covered with foliage as the other varieties of field corn.

Besides furnishing roasting ears for the family, it produced 40 bushels per acre. I consider this one of the best varieties of corn I have ever planted.

JOHN JACKSON.

Extra Early Northern Field

Much larger than Early Adams and matures right after this variety. It makes fine stalks and ears and is valuable alike for very early field crop as well as for extremely late planting; also for table use. **Pkt., 10c; 1 lb., 30c; postage or express prepaid—5 lbs., 75c; 25 lbs., $3.00; 100 lbs., $10.00.**

Early Northern White Field

A very popular variety and used largely for second early; also the main variety for very late planting. Ears of good size and grain of fine quality. **Pkt., 10c; 1 lb., 25c; postage or express prepaid—5 lbs., 75c; 25 lbs., $2.50; 100 lbs., $9.00.**

Golden Bantam Corn

EARLY VARIETIES

Golden Bantam

A true Sweet Corn and the finest in quality of all. Being of dwarf growth it can be planted closely, producing small, yellow ears of delicious flavor. The earliest Sweet Corn and extremely hardy. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $8.00.**

Notice! In the central system which we have adopted this season for Sugar Corn, one pint is equivalent to ¾ pound, one quart is equivalent to 1½ pounds and one gallon is equivalent to five pounds, approximately. You can easily figure the quantity by the quantities sown previous seasons. All varieties of Peas, Beans and Corn are figured in this way.

Sweet or Sugar Corn

For table use, the Sweet Corns are far and away ahead of all other varieties. While they cannot be planted quite as early as the first of Field Corns, their quality is so superior that no garden should be without a good planting of early and late varieties. Good prices can always be obtained and the crop is a very profitable one for the market gardener.

WE PAY CHARGES on Corn, Beans and Peas, pounds and less. Buyer pays charges larger quantities.

Stowell's Evergreen

The standard late or main crop variety and very fine in every way. It produces large ears which remain in marketable condition longer than any other variety. It is a valuable variety to plant for stock-feeding, the fodder as well as the grain being very nutritious and relished by stock. **Pkt., 10c; 1 lb. 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $8.00.**

Black Mexican

This is an old variety, but one of high quality. The grain when ripe is a bluish-black, but in the green state is almost the same color as other corns. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $7.50.**

Crosby's Early

This is quite a good size, the ears being about six inches long with fourteen or more rows. The quality is fine. It is largely used for canning and is satisfactory in every way. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs. $1.75; 25 lbs., $8.00.**

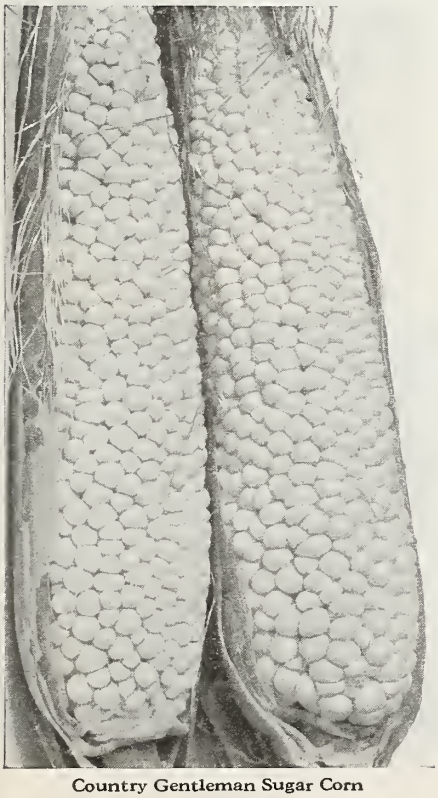
MAIN CROP VARIETIES

Early Evergreen

This is similar to Stowell's Evergreen, except that it is almost two weeks earlier and the ears are slightly smaller. It is of very high quality and is valuable as a second early or main crop variety. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $8.00.**

Country Gentleman

Wonderfully popular on account of its high quality. It has small deep grains in uneven rows. The ears are of good size, usually two and even three to a stalk. A little earlier than Stowell's Evergreen. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5lbs., $1.75; 25 lbs., $8.00.**



Country Gentleman Sugar Corn

NOTICE:

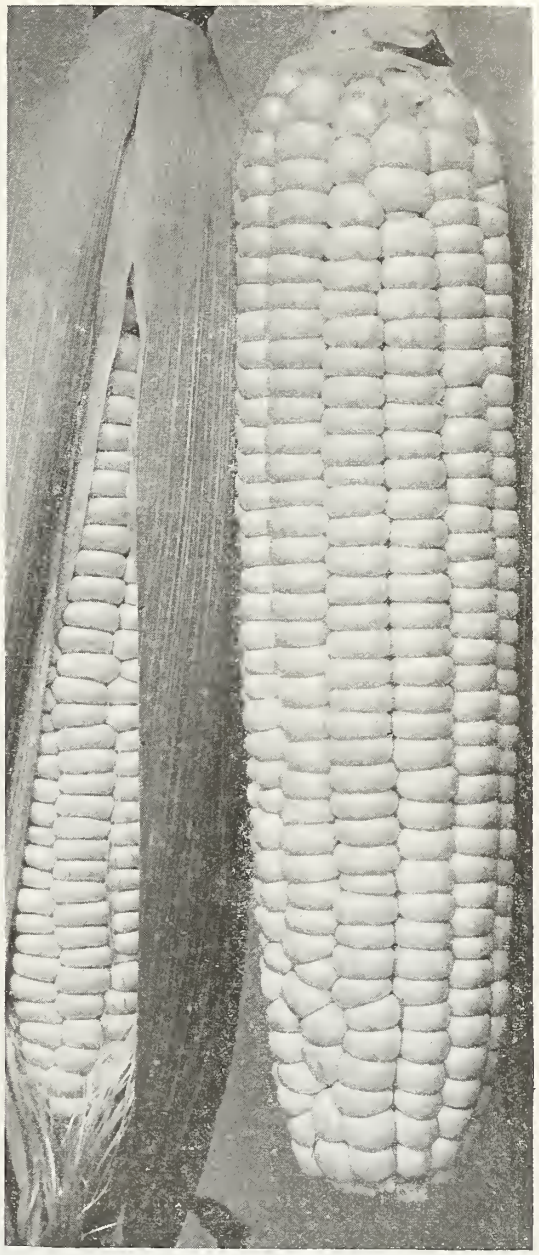
In the cental system which we have adopted this season for Corn, one pint is equivalent to ¾ lb.; one quart is equivalent to 1½ lbs.; 1 gal. is equivalent to 5 lbs., approximately. You can easily figure the quantity by the quantities sown previous seasons. All varieties of Peas, Beans and Corn are figured in this way.

Late Mammoth

The largest and latest Sugar Corn. The ears grow about 12 inches long and have 14 to 16 rows. The stalks grow about eight feet high. The quality is good. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.75; 25 lbs., $8.00.**

Mammoth White Cory

A standard extra-early variety producing fair-sized ears of good quality. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.50; 25 lbs., $8.00.**



Stowell's Evergreen Sugar Corn

Pop Corn

Mapledale Prolific

A very vigorous and prolific variety; a good corn. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.25.**

Rice

The most popular of all Pop Corns and of finest quality. Very reliable and the most salable of all. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.25.**

Queen's Golden

A large and showy variety. The grain pops a pure white, is tender and of good quality, and it is a heavy yielder. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.25.**

CELERY

Celery seed is very slow in germinating and should therefore be sown in finely prepared, rich soil which can be kept moist. For early use it is advisable to sow in hot-beds or in shallow boxes in the house or early in April in the open ground. Pack the soil well over the seed with the foot or with back of the spade. Transplant soon as large enough to handle. Setting the plants 6 inches apart in the row. Trim off the tops of the plants and set firmly. It does best on soil where there is plenty of moisture but will grow on upland provided it is rich and the crop well cultivated. It can be planted in single or double rows in furrows a little below the level of the soil and earthed up as it grows. Care should be taken not to get the soil into the heart of the plant. When cold weather comes take up and set the plants closely together and cover with straw and leaves to keep out frost.

Golden Self Blanching

The finest early Celery. It is very easily blauched and is of exceptionally fine flavor. Grows to a fair size and is satisfactory in every way. **French grown seed is the best and our seed comes direct from the most careful growers. Pkt., 10c; ½ oz., 45c; oz., 85c; ¼ lb., $3.00; lb., $10.00; postpaid**

American Grown—Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., $1.25; lb., $4.00; postpaid.

Improved White Plume

A very popular variety on account of its earliness and the fact that it requires very little earthing up and blanches quickly. It is of medium size and good quality. Very early. **Pkt., 5c; oz., 35c; ¼ lb., $1.00; lb., $3.00; postpaid.**

Giant Pascal

Very largely grown for Winter use. The stalks are thick and of a yellowish white color and are of high quality. **Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., $2.00; postpaid.**

Dwarf Golden Heart Celery

This new variety is especially valuable both for early and late planting. It makes large attractive stalks which are very easily blanched; its attractiveness and size make it sought after by gardeners and truck growers. The stalks grow compact and solid, which makes it especially suitable for bunches. **Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., $2.00; postpaid**

Winter Queen

A popular Winter variety; a strong grower and splendid keeper. **Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., $2.00; postpaid.**

Celeriac or Turnip Rooted Celery

This plant forms a thick root which is used instead of the stalks. It is fit to use when about two inches in diameter. Seed should be sown and given same treatment as Celery, but the plants do not require earthing up. Plants can be set six inches apart in rows two feet apart. To keep over Winter, treat same as carrots or beets, except that moist soil should be worked in about the roots to keep them plump. **Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., $2.00; postpaid.**

Carter County, Ky.
I bought seed from you last year and they came up very well and made a fine yield.
H. R. GILBERT.

NOTICE

Don't forget, we prepay postage or express on all packages, ounces, quarter and half pounds and pounds to any point within the United States. Larger size packages must go forward at purchasers expense. For postage charges we refer you to the Parcel Post Page. Express charges on seed are 25% less than merchandise rate. Peas, beans and corn are figured in pound packages and prepaid the same as other seeds. Transportation is slow so place your order early.

Blue Ribbon Golden Self-Blanching Celery

Corn Salad or Fetticus

Makes a fine salad for Winter and Spring; used in place of lettuce or spinach. Can be sown in September in drills a foot apart. Soil should be packed over the seed. Protect with straw or leaves as Winter comes on. It can also be sown in the Spring. The soil cannot be too rich. Large seeded. **Pkt., 5c; oz., 15c; ¼ lb., 40c; postpaid.**

Cress or Pepper Grass

Curled—For salad. **Oz., 10c; ¼ lb., 35c; postpaid.**
Water—For garnishing or salads. **Pkt., 5c; oz., 40c; postpaid.**

Giant Pascal Celery

Blue Ribbon White Spine Cucumber

CUCUMBERS

An early crop of Cucumbers can be had each year from starting the seed in pots, box or a piece of sod so they can be readily transplanted without checking the growth. For outside planting, the ground should be prepared and put in good condition and the seed should be planted about the latter part of April or the first of May in this particular latitude. The seed should not be planted more than an inch deep and in hills slightly raised above the ground, about four feet apart each way. It is advisable to mix the soil with well rotted stable manure, being careful not to put too much manure in the hills. We also recommend planting about two to three times as much seed as you would any other crop and then thin out or pull out the plants as the insects attack the vines which are the weakest, leaving about three or four strong vines to each hill. The ground should by all means be kept free from weeds and the fruit should be gathered and not allowed to ripen on the vine as this reduces the production. One ounce will plant about 50 hills; 2 lbs. will plant an acre. The Cucumbers are about ready for use in about two months after planting.

Blue Ribbon Improved White Spine Cucumber

Our Blue Ribbon strain of White Spine is one of the best strains of the White Spine Cucumbers now being grown. It is early, symmetrieal, dark green and a heavy producer. We heartily recommend this for truckers and gardeners, both for early and main crops. It is grown extensively in all the large market garden centers. Our Blue Ribbon Strain is very fine and uniform. **Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., $1.25; 5 lbs., $5.00; postpaid.**

Early White Spine

The most popular variety of all for greenhouses or outdoor growing either for large Cucumbers or pickles. The fruit is uniform, of deep green color, shading to greenish white at the end; has few seeds and the vines are very productive. **Pkt., 5c; oz., 10c; ¼ lb., 30; lb., $1.00; postpaid.**

Klondike

Medium, early, White Spine type, but of very dark green color. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; postpaid.**

Green Prolific or Boston Pickling

Very productive, medium size and largely grown for pickling. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; postpaid.**

Arlington White Spine

Another selection from White Spine, the fruits being rather tapering at each end, very crisp and of fine quality. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; postpaid.**

Davis Perfect

A perfect Cucumber for greenhouse or outdoor use; very uniform, long and ideal for table purposes. **Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., $1.00; postpaid.**

Improved Long Green Cucumber

Westerfield's Chicago Pickling

A deep green Cucumber with large and prominent spines, of medium size and very prolific. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; postpaid.**

Improved Long Green

The fruits of this variety often attain a length of twelve inches; are slender and of a uniform dark green color. It is a rather late variety, and largely used for pickling, very popular. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; postpaid.**

Jersey Pickling

Similar to Green Prolific, but larger. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; postpaid.**

Early Frame or Early Short Green

A well known variety used for pickling; a good grower and quite productive. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; postpaid.**

Gherkin or Burr

A distinct variety used for pickles only. It is small and prickly and should be used when quite young. Seed requires about three weeks to come up. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.25; postpaid.**

Blue Ribbon New York Improved Purple Egg Plant

Egg Plant

Seed starts slowly and should be sown either in a hot-bed or in boxes in the house, transplanting when large enough to handle. Keep the young plants growing vigorously, and do not set out until warm weather. Set about two and a half feet apart each way.

Improved Spineless

Claimed to have fewer spines than New York Improved, hence more easily gathered. **Pkt., 5c; oz., 50c; ¼ lb., $1.75; lb., $5.50; postpaid.**

New York Improved Purple

The best and most popular variety for all purposes. The plants are vigorous and produce several large oval fruits of large size and fine quality. Our **Blue Ribbon** Strain is exceptionally fine. **Pkt., 5c; oz., 50c; ¼ lb., $1.75; lb., $5.50; postpaid.**

Black Beauty

A variety which is about ten days earlier than New York improved. It has a longer fruit, is free from spines and is of deep purple color. A valuable variety for early market. **Pkt., 10c; oz., 50c; ¼ lb., $1.75; lb., $5.50; postpaid.**

Florida High Bush Egg Plant

Plants of this variety grow very large, strong and high, very seldom allowing the fruit to drop on the ground. This variety is very popular with the growers throughout Florida and the Southern States and any latitude that is warm. We have a very superior strain of this stock and recommend it to growers desiring the best. Fruits are large, good shape and a little more rounded than the New York Improved Purple. **Pkt., 5c; oz., 30c; ¼ lb., $1.00; lb., $3.50; postpaid.**

Buncombe County, N. C.
Please send me your latest wholesale price list of garden and farm seeds. I bought a list of seeds from you last year, which proved very satisfactory, and I think I can handle quite a few more this year than I did last.
A. T. DAVIDSON.

Lincoln County, Ky.
I am glad to say that we received goods from you last Saturday and everything was just as we ordered. Many thanks.
J. B. McKEE.

Endive

Called "Winter Lettuce." Sown in August and treated same as Lettuce, except that as the heads become large enough to use the leaves should be drawn up and tied at the top to blanch the heart and make it tender. One ounce will produce about 2500 plants. Should be given plenty of water.

Green Curled

A hardy variety and very generally used. The leaves are finely curled and cut; easily blanched and are crisp and tender. **Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., $1.25; postpaid.**

Endive—Large Green Curled

Large Green Curled

A larger variety than the above with deeply divided leaves. It blanches to a creamy white and is much used for salads. **Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., $1.25; postpaid.**

Garlic

A plant allied to the Onion, having a stronger flavor and much used for seasoning. Does not produce seed, but is propagated by dividing up each bulb, which is readily done. Should be handled same as Set Onions. When ripe they should be pulled and allowed to dry in a cool, shady place and stored in a frost-proof room. **Bulbs—¼ lb., 15c; lb., 40c; postpaid.**

Horse Radish Roots

Horse Radish produces no seed but is grown from pieces of the roots. Mark off rows, two and one-half feet apart in rich, moist, well-prepared ground, and set the pieces of roots eighteen inches apart in the rows vertically, the small end down, and the top one to two inches below the surface. Cultivate thoroughly until the tops cover the ground, when their shade will keep down the weeds. An acre requires about 11,000 roots. Small roots, **dozen, 25c; per 100, 75c, postpaid; per 1000, $5.00—buyers expense.**

Kohl Rabi

A peculiar vegetable belonging to the Cabbage family and forming a turnip-shaped bulb above the ground, which is used in the same manner as turnips. For garden cultivation give same treatment as Cabbage. Sown in June or July for Fall use. One ounce will sow two hundred feet of drill.

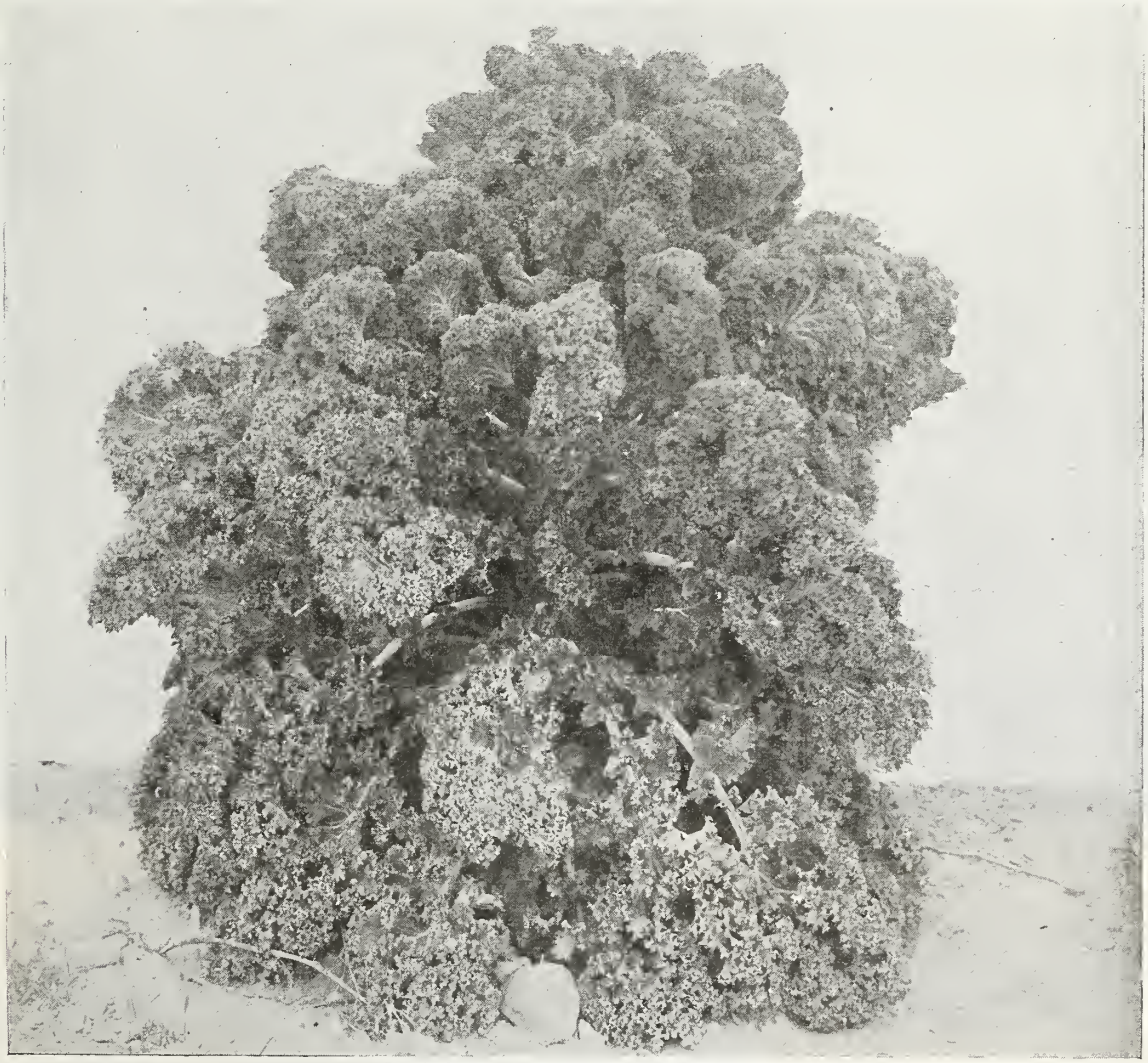
Early White Vienna

A very satisfactory variety of good quality. **Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., $3.00; postpaid.**

Early White Vienna Kohl Rabi

Kale or Borecole

Used largely for greens in Fall, Winter and Spring. Can be sown broadcast or in drills eighteen inches apart from early September to the middle of October. Can also be sown in February and March, at which time the Spring or Smooth Kale is best to use. This is also used in the Fall, as it makes Greens quicker than other varieties. All should be protected with straw or coarse litter in Winter, so that the plants can be cut throughout the season. Winter varieties can be sown at the rate of three to four pounds to the acre; the Spring Kale can be sown broadcast at the rate of eight pounds per acre,or four to five pounds in drills.



A Single Plant of Dwarf Curled Siberian Kale

Dwarf Curled Siberian

A standard variety, having fine curled leaves and of fine flavor. Will stand out all Winter in this section without protection. **Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., $1.50; 5 lbs., $7.00; postpaid.**

Late Seeding Siberian Curled Kale

This variety is somewhat similar to the Dwarf Curled Siberian, except that it is exceedingly well adapted for late seeding, produces a larger plant, the leaves are larger and curled to a greater extent. If planted thinly the plants grow to enormous size, covering in some instances two feet by the spread of the leaves. **Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., $1.50; 5 lbs., $7.00; postpaid.**

Dwarf Green Curled Scotch or Norfolk

A variety largely used for shipping. It has a finely curled leaf and has a low and spreading growth. The leaves are ornamental and are frequently used for garnishing. Can be sown in August and September. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.75; 5 lbs., $8.25; postpaid.**

Spring or Smooth Kale

This does not have the crinkly leaves peculiar to other varieties. It is very hardy and is largely used both for Fall and Spring sowing, being the best variety for Spring sowing. **Pkt., 5c; ¼ lb., 15c; lb., 25c; postpaid.**

Leek

Similar to Onions in flavor, being of the same family of plants, but does not form a thick bulb. Sow seed early as possible, half an inch deep, and when plants are large enough to handle transplant to rows 12 inches apart, setting plants six inches apart. Hill up as they grow to bleach the stems, or plant in a trench like celery and fill in as they grow. Seed may also be sown in September and transplanted in Spring. One ounce will sow 100 feet of drill.

Large Flag

Well known and popular variety; hardy. **Pkt., 5c; oz., 20c; ¼ lb., 75c; lb., $2.50; postpaid.**

Giant Musselburgh

Very large, mild and of fine flavor. **Pkt., 5c., oz., 20c; ¼ lb., 60c; lb., $2.50; postpaid.**

A Single House of Grand Rapids Lettuce. Note the Even Stand and Uniform Growth.

LETTUCE

A vegetable that should be grown by everyone and in every one's garden whether large or small. It can be sown in succession every two weeks during the season. It is best, however, to sow the leaf varieties earlier in the season and the head varieties a little later in the season for Fall use. It will grow in any soil, but much better results are obtained from rich soil and it is very essential that the plants make a quick growth so the leaves will be tender. Plants can be started in beds and then transplanted to the open as early as any crop can be put out. We do not believe that our stock of Black Seeded Simpson and Grand Rapids can be beat for early forcing and especially are they desirable for greenhouse forcing. The large headed varieties, such as the Blue Ribbon Big Boston are the finest varieties of lettuce grown. They are grown by parties who specialize in growing lettuce and who are thoroughly reliable as to quality of stock they send out. Our seed has been grown from our own seed stock and is very desirable. We don't believe it possible to secure any such stock from anyone else. We think these types mentioned above are exceptionally true and uniform and we would like to have you try all of these this season. One ounce of seed will produce 2500 to 3000 plants; 2 to 3 pounds will seed an acre.

Grand Rapids

An upright grower, which does not form a head, but produces large, crinkly leaves of high quality. Used more than any other variety for greenhouse forcing. Our **Blue Ribbon Strain** will be found very uniform and fine. **Pkt., 5e; oz., 15e; ¼ lb., 40c; lb., $1.00; postpaid.**

May King

This resembles Big Boston in growth, and is a good variety for outdoor crop. It is early and forms medium-sized, compact heads, the leaves being tinged with brown. **Pkt., 5c; oz., 15e; ¼ lb., 40c; lb., $1.00; postpaid.**

Early Curled Simpson

An early Lettuce, forming a crinkly rosette of light green leaves. Can be sown thickly and used when quite young. Largely planted for early outdoor crop. **Pkt., 5e; oz., 15c; ¼ lb., 40e; lb., $1.00; postpaid.**

Big Boston

This is the regular type of Big Boston and is grown extensively. It forms a fine head and is very reliable. Selected stock. **Pkt., 5e; oz., 15e; ¼ lb., 40e; lb., $1.00; postpaid.**

Deacon

A good Summer variety, medium sized, solid and crisp. **Pkt., 5e; oz., 15c; ¼ lb., 40c; lb., $1.00; postpaid.**

Iceberg

A very attractive looking Lettuce and of high quality. It is crisp, tender, and a sure header. **Pkt., 5e; oz., 15c; ¼ lb., 40c; lb., $1.00; postpaid.**

LETTUCE

Blue Ribbon Big Boston

Big Boston is very largely grown in the South for shipment to Northern markets, and the importance of having seed of high quality is very great. Our **Blue Ribbon Strain** of this variety is vastly superior to any other stocks we have seen. The heads are large, very solid and free from the brownish cast seen in ordinary stocks. Market gardeners will find this of special value. **Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $2.00; postpaid.**

Improved Hanson

This is an exceptionally fine variety, attractive in appearance, and of highest quality; good for either Spring or Summer crop. The leaves are curly and very crisp and the head is large. It also stands a long time before going to seed. **Pkt., 5c; oz., 15; ¼ lb., 40c; lb., $1.00; postpaid.**

California Cream Butter

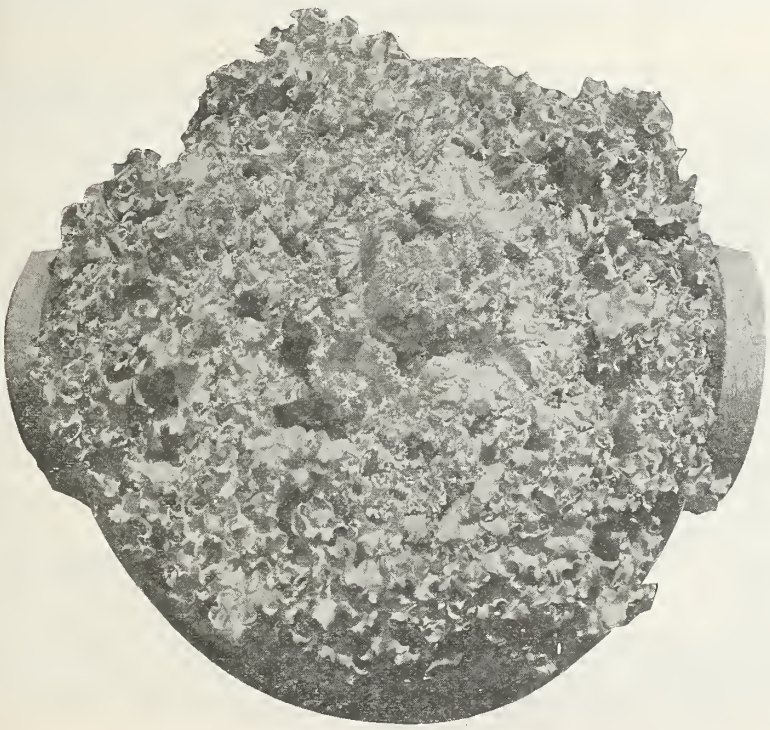
A very reliable head Lettuce, good for Summer crop. The leave are smooth and the head is solid and crisp. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.00; postpaid.**

All Seasons Lettuce

One of the best of all head Lettuce; can be planted successfully for early, medium and late crop. Heads very compact and firm. A ready seller. **Pkt., 5c; oz., 15; ¼ lb., 40c; lb., $1.00; postpaid.**

Henderson's New York

Forms a very large head and is rather a coarse grower. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.00; postpaid.**



Black Seeded Simpson Lettuce

Trianon Cos

A peculiar variety, distinct from all others. Largely grown in France and known as Romaine. It grows upright and it is well to draw up the outer leaves and tie them, that the heart may be blanched. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.00; postpaid.**

Black Seeded Simpson

Very largely grown by market gardeners, and one of the best varieties for any purpose. It forms a curly, loose head of good quality. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.00; postpaid.**

Imperial Cabbage

A large head Lettuce, popular among gardeners who find it to be a valuable variety for Spring crop. It grows quickly and is slow in running to seed. **Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., $2.00; postpaid.**

Denver Market

This forms a loose head of curly leaves, and is good for Spring and early Summer use. **Pkt., 5c oz., 15c; ¼ lb., 40c; lb., $1.00; postpaid.**

Tilton's White Star

A good variety for either greenhouse or outdoor growing. A good keeper. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.00; postpaid.**

Blue Ribbon Special Tom Watson Melon

WATERMELONS

Special to large buyers. Send us a list of your requirements. We handle immense quantities of seed and will make you the right prices. All prices up to and including one pound, postpaid. For postage on larger quantities, consult Parcel Post page.

Watermelons require the same treatment as Muskmelons, except that they need more room. The hills should be about 10 feet apart each way. One ounce will plant 30 hills; two to three pounds per acre.

Blue Ribbon Special Tom Watson

We have an exceptionally fine strain to offer this year, the seed being saved from selected Melons, none of which weighed less than 40 pounds. Our grower states that this stock cannot be too highly recommended. Only a limited quantity to offer. **Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., $1.10; 5 lbs., $5.00; postpaid.**

Peerless or Ice Cream

Medium size, oblong with dark green rind; flesh scarlet and of good flavor. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c; postpaid.**

Temple Gray

A splendid Melon for either home or market use. It grows very large; is long in shape; a dark green color and stands shipping fairly well. Its fine appearance and high quality make it very salable. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c; postpaid.**

Fordhook Early

An early medium-sized Melon, inclined to be round; a dark green with lighter stripes. Flesh is a bright red and of high quality. Owing to its thin rind it cannot be shipped any distance but is fine for home market. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c; postpaid.**

Harris' Earliest

Early and a good variety for shipping. Melons are oval, rind striped and flesh red, sweet and crisp. The vines are very productive and it is much earlier than most varieties. Melons run from twenty to thirty pounds. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c; postpaid.**

Halbert's Honey

Of splendid quality, and especially desirable for home use or nearby market. Has a dark green, very thin rind, exceedingly attractive, meat so crisp and tender that well-ripened Melons split ahead of the knife in cutting. Melons are long, blunt at both ends, and vines very productive. **Pkt., 5c; oz., 10c; ¼ lb., 35c: lb., $1.00; 5 lbs., $4.50; postpaid.**

Bradford Melon

One of the best Melons for home or nearby market use. Not suitable for shipping long distances. Vines exceptionally healthy and very productive. Melons large, elongated; color dark green with darker stripes. Flesh remarkably tender and sweet. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c; postpaid.**

Florida Favorite

Many consider this the best home-market Melon grown. It is early, of good size; has dark green skin with light stripes and a light crimson flesh. There is no better flavored Melon grown. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c; 5 lbs., $3.50; postpaid.**

Triumph

Resembles Kolb's Gem, but larger; good shipper. **Pkt., 5c; oz., 10; ¼ lb., 30c; lb., 75c; postpaid.**

Tom Watson

A large, dark green Melon of fine flavor and unexcelled for shipping. It is taking the place of all others for this purpose. A heavy yielder, good keeper and vigorous grower. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; 5 lbs., $4.50; postpaid.**

Jordan's Gray Monarch

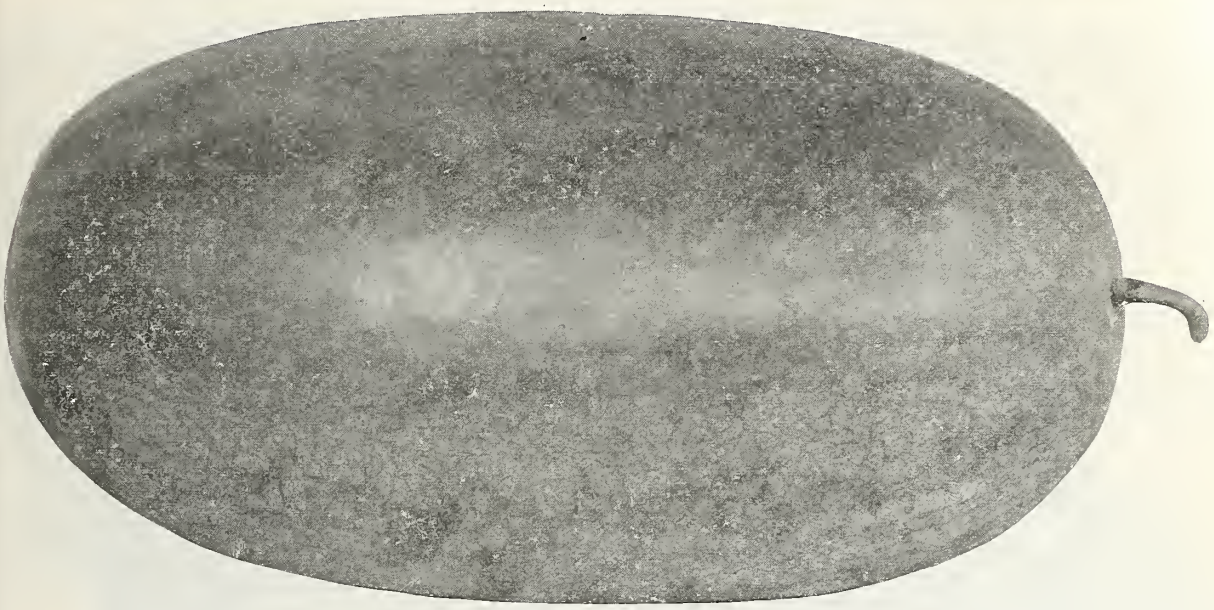
A long Melon with light green rind and of good quality; good for all purposes. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c; 5 lbs., $3.50; postpaid.**

Sweet Heart

Very popular for both shipping and home market. Its good size and high quality recommending it to all. The vines are vigorous and productive. Melons oval and a light green color. A valuable variety. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c; 5 lbs., $3.50; postpaid.**

Dark Icing

Round and of medium size. Skin dark green; flesh red and quality first class. Good for home garden. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c; 5 lbs., $3.50; postpaid.**



Alabama Sweet Melon

Watermelons—Continued

Alabama Sweet

This particular Melon is very popular in the Southern states and in the Southwest. It much resembles the Florida Favorite Melon except that it is much larger and the markings are slightly richer. It is early, with bright scarlet flesh; tender meat, sweet and stringless. This particular quality makes it very desirable both for shipping and for home use. It is a variety of Melon which sells quickly in the larger markets from general appearances. Our seed stock is obtained from Melons which have obtained perfection and are widely used and universally liked. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c; postpaid.**

Kleckley Sweets

A highly flavored Melon and popular everywhere. Color a dark green, rind thin and flesh deep red. A fine Melon for home market and family garden. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.00; 5 lbs., $4.50; postpaid.**

Georgia Rattlesnake or Gypsy

A large Melon, very long and striped; light and dark green. The flesh is a bright scarlet and of fine flavor. Vines large and vigorous. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c; postpaid.**

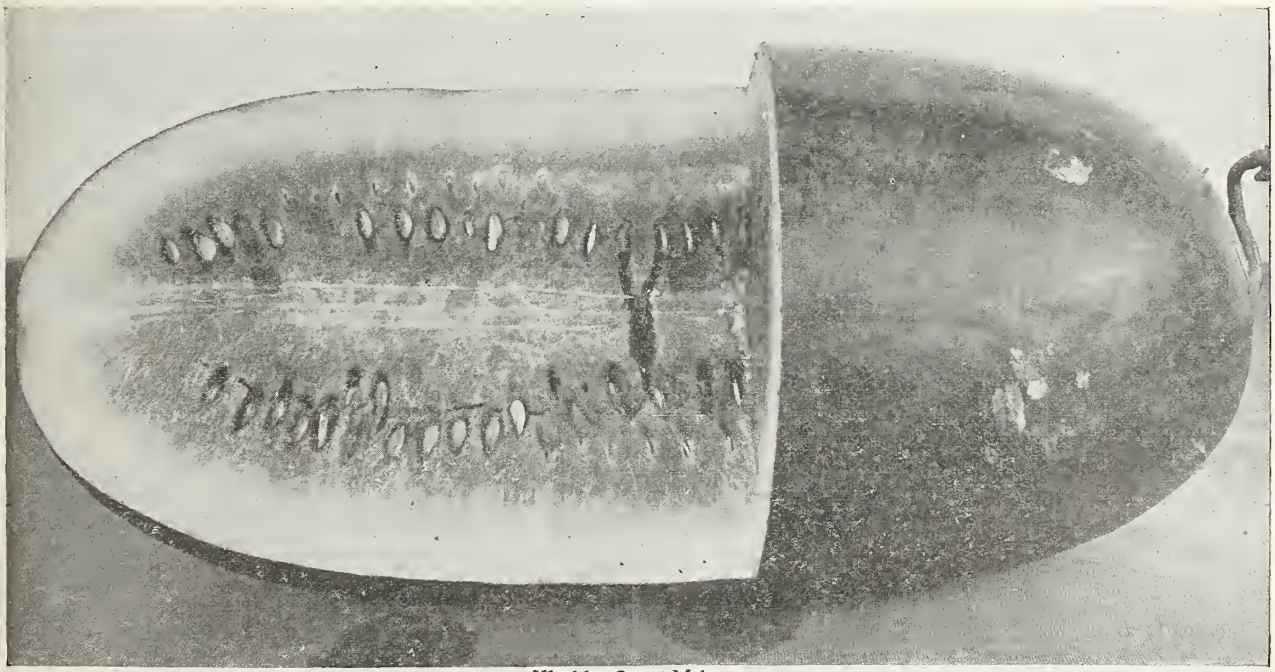
Citron

This is of no value except for preserves for which purpose it is very fine. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c; postpaid.**

Houston County, Ga.

Your watermelons are world beaters.

BAKER BUSHONG.



Kleckley Sweet Melon.

Blue Ribbon Gem Cantaloupe

Muskmelon or Cantaloupe

Melons do best in sandy soil or sod land and the ground should be made rich. The hills can be put four to six feet apart with ten to twelve seeds in each hill. Put the seeds an inch deep and when danger of frost is over thin to four good plants to a hill. Cultivation should be kept up as long as possible. One ounce of seed is sufficient for 50 hills; 2 pounds per acre. Plant in May and June.

Blue Ribbon Gem Cantaloupe

This is a Cantaloupe of special merit and an exceptionally fine Melon of the Rocky Ford type. It is larger, a more vigorous grower and about two weeks earlier than other Melons. It is immune from diseases such as blight and rust and very productive. The flesh is green, very deep and of a rich flavor. Our gardeners here prefer this Melon to any other variety. It produces an exceptionally large crop and is a very profitable Melon for market gardeners or large hotel trade. Owing to a limited quantity of the stock we have this season we can only fill orders as long as it lasts. **Pkt., 5c; oz., 15c; ¼ lb., 60c; lb., $2.00; postpaid.**

Rocky Ford

Known everywhere as it is the standard shipping Melon and the quality is so good that enormous quantities are sold on every market. It is of Netted Gem type, medium size and fine flavor. Try our **Blue Ribbon Strain** if you want the most uniform crops. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c; 5 lbs., $3.50; postpaid.**

Netted Gem

An old standard variety and still largely grown. Well netted, uniform size, oval and so firm that it is an excellent shipper. A vigorous grower, good cropper and fine quality. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c; postpaid.**

Long Island Beauty

A large Melon, heavily netted and ribbed somewhat similar to Hackensack in appearance, having green flesh of very fine flavor; largely grown for market. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c; postpaid.**

Champion Market

Oval, medium-sized and a popular market variety, medium early, good quality, flesh being light green. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c; postpaid.**

Paul Rose

Combines the good qualities of Osage and Netted Gem. Is of medium size, oval, deep salmon flesh and extra fine flavor. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c; postpaid.**

Wood's Perfection

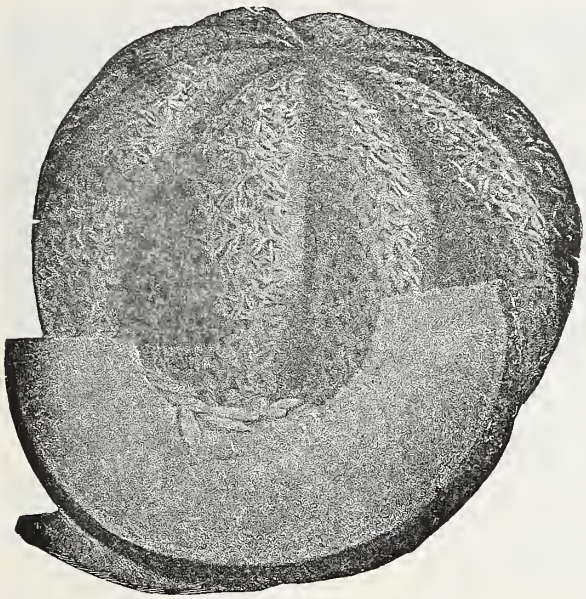
One of the larger Melons; green-fleshed and of high quality. Very popular in this section and valuable for home and nearby market. The Melons are oval, well netted and much larger than Rocky Ford. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.00; postpaid.**

Osage or Miller's Cream

Medium size, rather oval, dark green rind with very deep salmon-colored flesh of delicious flavor. A good shipper. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c; postpaid.**

Burrell's Gem

Similar to Netted Gem, but has deep salmon flesh. It grows well on all soils and is popular for home and market use. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c; postpaid.**



Extra Early Hackensack Cantaloupe

Baltimore or Acme

Oval, much larger than Rocky Ford, well netted. Green flesh of good depth and quality. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c; postpaid.**

Banana

A peculiar, long, smooth, yellow-skinned Melon with salmon flesh. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.00; postpaid.**

Glass Melon

Produces small fruits about the size of an orange. Skin greenish yellow. For preserves, pickles, etc. Very productive. **Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., $1.25; postpaid.**

Tip Top

Extremely popular, growing large, and valuable where rich soil can be used. The rind is smooth and of a light green color; flesh salmon color, thick, and of high quality. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.25; 5 lbs., $5.50; postpaid.**

Extra Early Hackensack

A large round Melon, very early and of high quality. The flesh is green and deep. The rind heavily netted and ribbed. This variety is about ten days earlier than the regular type of Hackensack. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; postpaid.**

Extra Early Hanover

The earliest of all, medium size, round and well netted. Quality fair but it is used largely on account of its earliness, being profitable for early market. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; postpaid.**

Emerald Gem

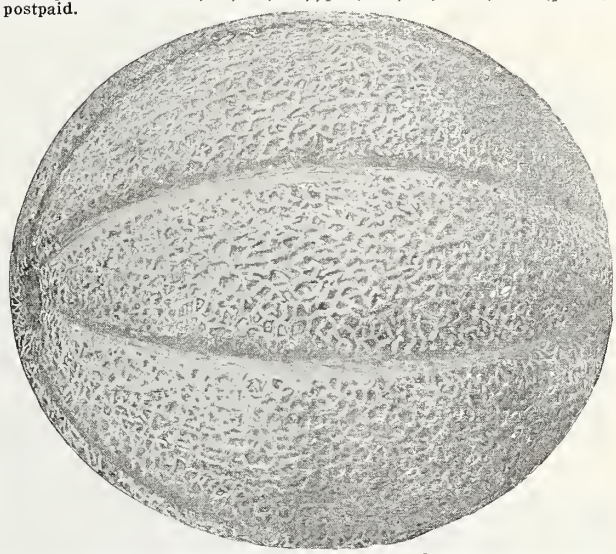
Oval shape, medium size, thick salmon flesh, good quality. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.00; postpaid.**

Large Hackensack or Turk's Cap

A well known large, round Melon, heavily netted and ribbed, green flesh. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., $1.00; postpaid.**

Robinson's Gold Lined Rocky Ford

A new, selected strain of Rocky Ford, slightly oval, with no ribs and heavily netted. Flesh is green, fine grained and sweet. Very uniform in shape and size. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.25; 5 lbs., $5.00; postpaid.**



Robinson's Gold Lined Rocky Ford Cantaloupe

Tip Top Cantaloupe

Large Onions from Seed

The seed can be sown in the open ground in rows as soon as the weather will permit. The rows should be about 12 inches apart and the small plants thinned out to about two to three inches apart. This seed can also be sown broadcast in some sections. Onions require rich soil and constant cultivation. The soil should be well prepared and cultivation should be intense, keeping the weeds and grass from choking out the small plants as this is absolutely necessary in order to raise large Onions. The best varieties for growing large Onions are Mammoth Silver King, Prize Taker, Southport Red Globe, Ohio Yellow Globe, and Southport White Globe.

Prize Taker or Spanish King

A very large Onion, mild and fine grained; of globe shape, with light straw-colored skin; requires a long season to develop to full size. Is frequently sown in hot-beds and ransplanted. By this method immense Onions are produced. **Pkt., 5c; oz., 40c; ¼ lb., $1.50; lb., $5.00; postpaid.**

Southport Red Globe

A fine, globe shaped Onion, of good size and high color, being a deep red. The flesh is white, fine grained and tender. A splendid keeper and shipper. **Pkt., 5c; oz., 30c; ¼ lb., $1.10; lb., $4.00; postpaid.**

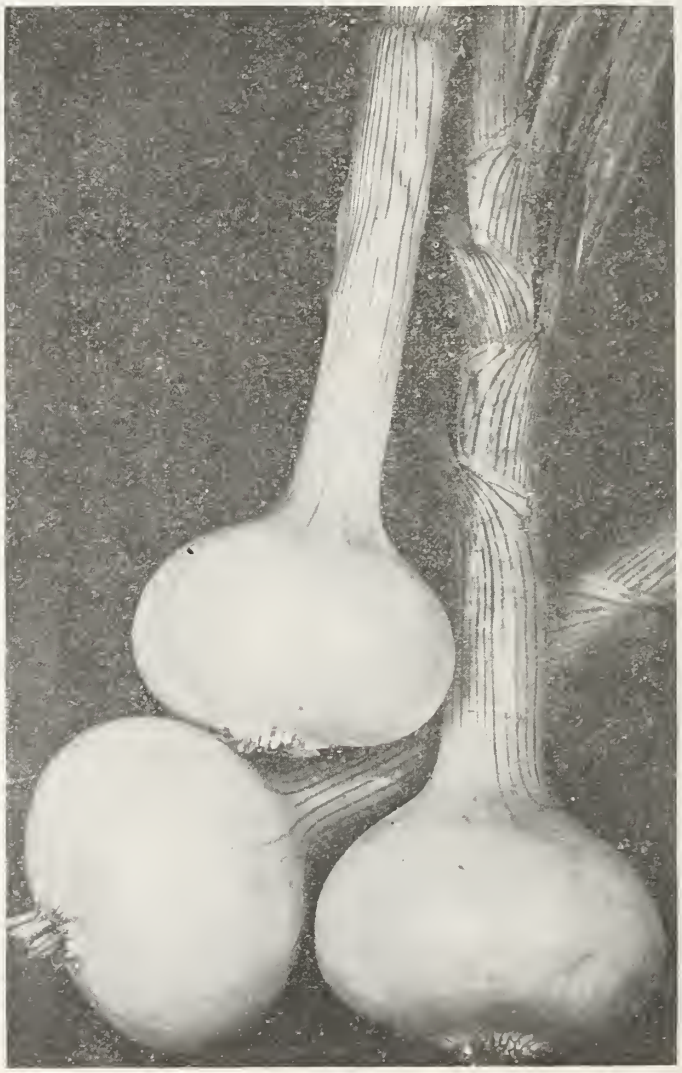
Southport White Globe

A beautiful silver white color, globe shaped and uniform; grows about 2½ to 3 inches in diameter; mild in flavor; a better strain of seed for large Onions does not exist. **Pkt., 5c; oz., 40c; ¼ lb., $1.50; lb., $5.50; postpaid.**

This vegetable, the Onion, is as important almost as the Potato. It should be in everyone's garden, either in the form of large onions which are grown from sets, or in the form of sets which are grown from seed.

There is no vegetable that we know of, that can be substituted for the Onion. Onions are easily grown and require very little attention when once planted. They are hardy and will grow rapidly and are one of the first green vegetables that can be used.

This year, the seed is in a rather short supply and we believe that we will again experience very high prices in Onion Sets. Take advantage of the prices listed in this catalogue and place your order at the earliest possible moment. We have an ample stock, we believe, of choice quality Red Wethersfield, Yellow Danvers and White Silver Skin. The other varieties we would suggest growing from seed in accordance with the culture and instructions given in this catalogue.



Ohio Yellow Globe

This variety grows very uniform and is of good size, fine grained, and a good keeper and fine shipping Onion. The skin is a light yellow, neck small, and it ripens hard and solid. A very popular market variety. **Pkt., 5c; oz., 30c; ¼ lb., $1.10; lb., $4.00; postpaid.**

Mammoth Silver King

This variety produces a very large, flat bulb with white skin and flesh, the latter being mild and of fine flavor. It grows very uniform in size and is a heavy yielder. If sown in a hot-bed and transplanted, will frequently produce Onions 4 to 5 inches in diameter. **Pkt., 5c; oz., 50c; ¼ lb., $1.75; lb., $6.00; postpaid.**

NOTICE

This season we have adopted the cental system of selling all items, with the exception of a few, by the pound, five pound lots, etc. We have especially adopted it this season as some of the other large mailing houses have done the same thing and we believe it to be the better way of pricing commodities in the garden seed line. It is an easier matter to figure the amount of postage or the expense in transportation on pounds, 5 pounds, etc., than by pints, quarts or gallons. A pound, in most cases, is equivalent to one pint and the same holds good with quarts and gallons. In other places in this catalogue we have tried to give this information as accurately as possible.

Onion Seed
—Continued.

Silver Skin

Used very largely for sets. It is a medium-sized Onion, flat, silvery white and of mild flavor. Pkt., 5c; oz., 30c; ¼ lb., $1.00; lb., $3.50; postpaid.

Yellow Danvers

An old standard variety, of good size, flat and a good keeper. Immense quantities of this are grown for sets. Pkt., 5c; oz., 20c; ¼ lb., 75c; lb., $2.50; postpaid.

Red Wethersfield

Very hardy, dark red and good keeper. The variety used for producing red sets. Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., $3.00; postpaid.

Extra Early White Pearl

This is known also as White Queen. It is the earliest of all Onions of medium size, silvery white color and mild flavor. The seed can be sown thickly in the Spring for sets, the latter planted in the Fall and the following season the Onions will mature much earlier than any other variety. Pkt., 5c; oz., 40c; ¼ lb., $1.25; postpaid.

Red Wethersfield Onion

Onion Sets

Prices subject to market changes.

If sent by mail add 5c per pound for postage for quantities over one pound.

Culture—Plant the Sets 4 inches apart in rows, the rows being about one foot apart. Do not cover the set.

Yellow Danvers Sets

1 lb., 20c, postpaid; 4 lbs., 70c; 8 lbs., $1.00.

White Silver Skin Sets

1 lb., 20c, postpaid; 4 lbs., 80c; 8 lbs., $1.15.

Red Wethersfield Sets

1 lb., 20c, postpaid; 4 lbs., 70c; 8 lbs., $1.00.

Bushel prices quoted on application.

Potato Onion Sets, Yellow

20c lb., postpaid.

Potato Onions

15c lb., postpaid.

Ask for prices in larger quantities. Add for postage 5c per lb.

Culture—Planted in some localities in the Fall, also in the Spring. Set in rows about one foot apart, putting the sets 6 to 8 inches apart in the rows. Cover up entirely. Cultivate as needed.

Notice! One quart is about equivalent to one pound.

Growing Onion Sets From Seed

For this purpose we would suggest planting the seed in rows about 12 inches apart and planted very thick at the rate of 40 to 50 pounds per acre, being careful that the seed is not planted in rows where it will drop into a very narrow space. It is always advisable to have the rows so constructed that the seed will spread in the row, over a space of 2 to 2½ inches. This enables the small seeds to get a lot more nourishment than if they were all sown in what we call a narrow row. In this instance, the yield will be greatly increased. Sow in March and April and harvest when the tops begin to dry. In this section they can be harvested about the latter part of July or the first of August.

They can then be put away in lofts where they can get plenty of air and should be kept thoroughly dry, or they can be put in Onion Set crates especially made for this purpose.

For this culture, we especially recommend Silver Skin, Yellow Danvers, Red Weathersfield and also Extra Early White Pearl. The first three varieties mentioned are always in good demand.

One desiring to raise pickle onions should, as stated above, sow 15 to 20 pounds of seed per acre and these will not require thinning.

Every Garden Should Have a Few Onion Sets Planted in it.

Mustard

This is grown to quite a large extent in Southern States. It is used the same as Spinach or boiled with meat as greens. The white and yellow-seeded variety is cultivated chiefly for medical purposes or flavoring. Can be sown during February, March or April or in the Fall during September or October, either broadcast or in rows six inches apart. Cut when 3 inches high. Sow one ounce to eighty feet of drill or broadcast at the rate of five or six pounds to the acre.

Southern Giant Curled

An improved variety, much esteemed in the South. Very succulent, pungent, and of sweet flavor. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.00; 5 lbs., $4.00; postpaid.**

White—Used for salad. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.00; postpaid.**

Black—**Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.00; postpaid.**

Southern Giant Curled Mustard

English Mushroom Spawn

Space will not permit giving culture and instructions. The booklet "Mushrooms and How to Grow Them" by Faulkner, price $1.00, is very precise and valuable. **Per brick, 1¼ lbs., 40c; 5 lbs., $1.50; postpaid.**

Okra or Gumbo

The young seed pods of this plant are largely used for soups, stews and catsup. The seed can be sown soon as all danger of frost is past and the ground is warm. Sow in rows about two and a half feet apart and when plants are well up thin to eight inches apart. One ounce will sow a 40-foot row; 15 lbs. to acre. Will mature in about 60 days from sowing.

Perkin's Mammoth Podded Okra

White Velvet

Very productive, producing round, smooth white pods unlike other varieties. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; 5 lbs., $2.00; postpaid.**

Perkin's Mammoth Pod

This variety grows about three feet tall and produces large, green pods early in the season. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; 5 lbs., $2.00; postpaid.**

Kleckley's Favorite

The plants grow 2 to 3 feet in height, close jointed with abundant foliage, very smooth white pods setting out each leaf joint, averaging 6 to 6½ inches in length, size very uniform; young pods exceptionally tender and fleshy. **Pkg., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; 5 lbs., $2.00; postpaid.**

Improved Dwarf Prolific or Density—A well known type. Very productive. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; 5 lbs., $2.00; postpaid.**

Tall—The pods are long dark green and ridged. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; 5 lbs., $2.00; postpaid.**

PEANUTS

Peanuts are readily grown and when shelled can be planted in April or May in drills 2½ to 3 feet apart, placing the seeds 12 to 15 inches apart in the drills. Cultivate well and keep free from weeds.

One quart of peanuts weighs about ½ lb. Write for prices for larger quantities.

Spanish

Rather small pods, but very early and extremely productive. The nuts are rich and highly flavored. This variety is also used for stock feeding, the entire plant being harvested and making very nutritious feed. **½ lb., 20c; lb., 35c; postpaid.**

Improved Virginia

Grows upright and produces heavy crops of large nuts. **½ lb., 20c; lb., 35c; postpaid.**

Champion Moss Curled Parsley

PARSLEY

Parsley is easily grown, only it takes several weeks for it to come up, hence the ground where it is sown is often covered with weeds or dug over with the belief that the seed is no good. The seed may be soaked several hours in warm water before sowing which will hasten germination. Sow it early in the Spring in rows a foot apart. It can also be used to border beds, making a very pretty effect. One ounce will sow a 150-foot row. A few plants can be taken up in the Fall and put in pots or boxes in a sunny window and will continue to furnish leaves for flavoring or garnishing throughout the Winter.

Moss Curled

A very fine strain with beautiful foliage; useful for all purposes. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.00; postpaid.**

Plain

Hardy and vigorous grower. Not as mild a flavor as the above. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 75c; postpaid.**

Logan Co., Ohio

Am very well pleased with your pigeon feed. My sqabs are doing lots better since started feeding on Blue Ribbon Feed.

GEO. B. ELLIOTT.

Carroll Co., Tenn.

All the seeds I have ever gotten from you gave the best of satisfaction.

LEE DAVIS.

SWEET POTATOES

Our seed is grown in Jefferson County, Ky. This county has a splendid reputation for producing the finest and best-flavored Sweet Potatoes in the country.

Culture—Put the Potatoes into hot-beds in April, covering with three inches of earth, and after they begin to grow give plenty of air on sunny days and water regularly. In May or June set out in rows three feet apart and fifteen inches apart in the rows. The land should be plowed shallow in order to produce the short, chunky potato most largely in demand. Apply a fertilizer having only a small percentage of nitrogen and as large an amount of potash as can be secured.

We can supply the following varieties in April: **Yellow Jersey, Red Jersey, Red and White Bermuda, and Southern Queens.**

Price of all varieties about 75c per peck; bushel and barrel prices quoted on application.

SWEET POTATO PLANTS IN SEASON

PARSNIPS

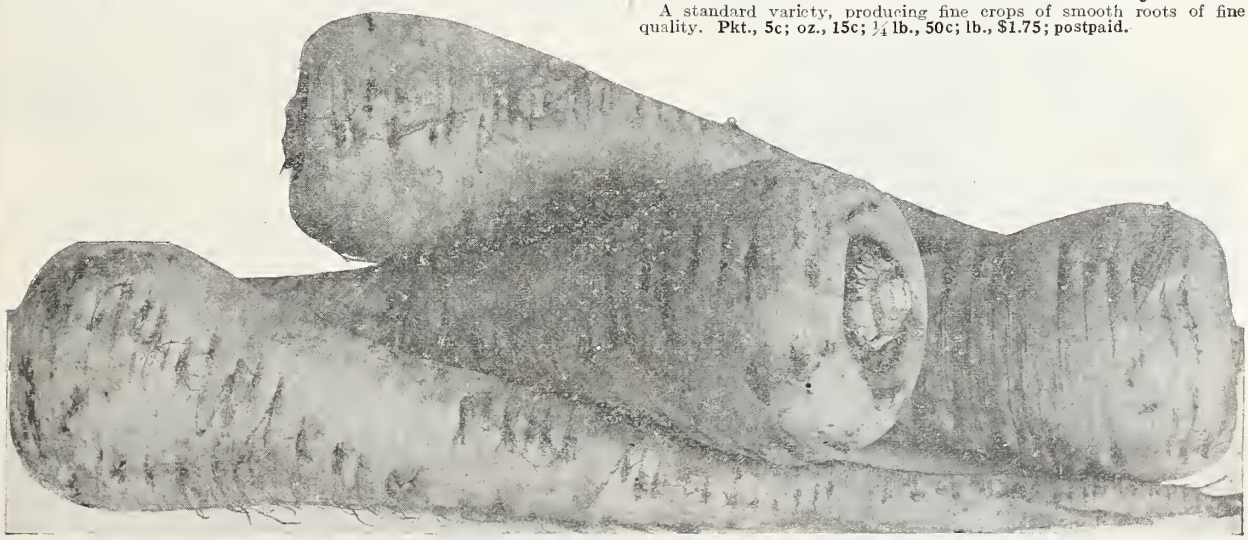
One of our best Winter vegetables and very easily grown. Seed can be sown as soon as the ground is in condition to work, thinning the plants to four inches apart as soon as they are large enough to handle. The rows should be 15 to 18 inches apart, the seed covered about one-fourth inch and the ground well packed over it as the seed sprouts very slowly and may take about three weeks to come up. The roots will be much finer if the ground has been worked deeply. Parsnips can either be dug in late Fall, and pitted or left in open ground throughout the Winter. For the home garden the latter is preferable as the roots are much finer flavored after they have been well frozen in the open ground. One ounce of seed will sow 200 feet of drill; five to six pounds per acre.

Improved Shortneck Hollow Crown

A fine strain of Parsnip of medium length and stocky growth. Good for deep, rich soil. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $2.00; postpaid.**

Hollow Crown or Guernsey

A standard variety, producing fine crops of smooth roots of fine quality. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.75; postpaid.**



Improved Shortneck Hollow Crown Parsnip

PEPPERS

These have increased in popularity very greatly in the last few years, the large, sweet Peppers being especially valuable. They need a long season to develop, so should be started in boxes in the house or in hot-beds early and set out when warm weather comes. Set the plants about two feet apart in rows two and a half feet apart. A top dressing of ground bone or high-grade fertilizer is desirable after plants have started well. One ounce of seed will produce about 1500 plants.

Bell or Bull Nose

Has an exceedingly thick meat and is the most desirable for slicing or stuffing. Can be eaten like an apple. Louisville truck growers and gardeners use it extensively. **Pkt., 10c; oz., 50c; ¼ lb., $1.75; postpaid.**

Ruby King

A very valuable sweet Popper, large and mild. A heavy cropper and the most generally grown. Fruit about four inches long and bright red when ripe. **Pkt., 10c; oz., 50c; ¼ lb., $1.75; postpaid.**

Chinese Giant

This is larger than Ruby King, quite early and a good cropper for such a large variety. It is very mild and sweet, making it excellent for salads, stuffed peppers, etc. **Pkt., 10c; oz., 60c; ¼ lb., $2.25; postpaid.**

Coral Gem Boquet

A dwarf grower, producing great quantities of small Peppers which, when ripe, are a bright red, and make a very pretty appearance. **Pkt., 10c; oz., 50c; postpaid.**

Ohio Crimson

The sweetest, largest and best of all Peppers. It makes robust and heavy plants, large producer, very mild. Preferred by all market gardeners. **Pkt., 10c; oz., 60c; ¼ lb., $2.25; postpaid.**

Mammoth Golden Queen

This is somewhat similar to Ruby King, except that it is a bright golden yellow. It is a good cropper and very mild. **Pkt., 10c; oz., 50c; ¼ lb., $1.75; postpaid.**

Mammoth Sweet Spanish or Sweet Mountain

Rather a late variety of vigorous growth, producing Peppers six inches long and two inches thick. They are mild and of good quality. **Pkt., 10c; oz., 50c; ¼ lb., $1.75; postpaid.**

Bull Nose Pepper

Long Red Cayenne

An old-fashioned variety, long, bright red and very hot. **Pkt., 10c; oz., 50c; ¼ lb., $1.50; postpaid.**

Red Chili

Small, thin, coral red color and very hot. **Pkt., 10c; oz., 50c.**

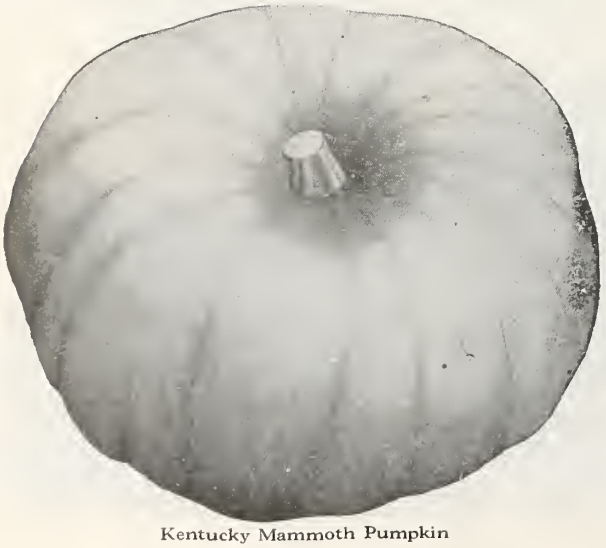
Red Cherry

Small, round fruit; very prolific. **Pkt., 10c; oz., 50c.**

PUMPKIN

Kentucky Field

An old-time variety, grown largely for stock feeding. It is productive and grows quite large. **Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; postpaid; 5 lbs., $2.00. Special prices in large lots.**



Kentucky Mammoth Pumpkin

Kentucky Mammoth

This is a very large variety, well adapted to the South, and in spite of its size is of high quality. **Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., $1.25; postpaid.**

Japanese Pie

A variety of high quality and which grows to a large size. The rind is a bluish green, blotched with yellow; flesh salmon colored, fine grained and sweet. Fine for pies as well as for stock feeding. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.00; postpaid.**

Cashaw or Crookneck

An excellent table variety, having much the same quality as the squash. It grows to a good size and is productive. Used for stock feeding also. **Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., $1.25; postpaid.**

Large Cheese

This is very much like a cheese in shape. The rind is a light buff color, the flesh firm. It is a productive variety and is valuable for all purposes. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c; postpaid.**

Tennessee Sweet Potato

A medium-sized pumpkin; rind creamy white, striped with light green. The quality is fine, making it desirable for pies, etc. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., $1.00; postpaid.**

All postage paid on seeds in packets, ounces, one-quarter pounds, one-half pounds and pounds. For larger quantities sold by weight see parcel post page.

PEAS

LARGE BUYERS WILL PLEASE ASK FOR SPECIAL PRICES.

Peas should be a part of each and everyone's garden. They should be planted as early in the Spring as possible. It is advisable to plant for early varieties, such as Blue Ribbon Chieftain, Claudit and Alaska. These are hardy and can be sown about two weeks ahead of the wrinkled varieties, such as Nott's Excelsior, Summer Queen and Gradus. The early varieties come on faster if they are planted shallow, a couple of inches of dirt being sufficient to enable them to take good root, but the later varieties, or wrinkled varieties should be covered about two and a half or three inches. It is also advisable to have the soil pressed down tightly over the Peas. They should be planted in succession up until about the middle of June in this latitude. After that time, it is hardly advisable to put them out any more as it is exceedingly hot and they do not bear well. Market gardeners and those using Peas for sale usually buy the small bush varieties which are very good producers, such as Claudit and Alaska for the reason that it is not necessary to procure a supply of sticks for them to climb on. In smaller gardens sticking is advisable as this keeps the vines off the ground and enables the Peas to produce better and large pods. The seed can be sown in rows in a very satisfactory way. It is best to sow in an open way with a hoe, the full width of it and broadcast the seed thinly in the bottom.

All later planting should be of the wrinkled varieties, they are better yielders, sweeter and very highly flavored. A pound will sow a 50-foot row; 84 to 112 pounds will plant an acre. The rows should be 2½ to 3 feet apart. The ground should be kept clean of weeds and grass, otherwise the yield would not be as good as one would expect. The hard round varieties are ready for use in about 50 or 60 days. The later varieties in about 70 to 85 days.

WE PAY CHARGES on Peas, Beans and Corn, pounds and less. Buyer pays charges larger quantities.

EARLY ROUND OR SMOOTH VARIETIES

New Claudit or Mammoth Alaska

Far and away ahead of the ordinary strains of Alaska. Both pods and Peas are much larger, which means a vastly heavier yield. The quality is first class for a Pea of this type and they remain in good condition for some time. No one will grow Alaska once they have tried "Claudit." **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.25; 25 lbs., $5.50; 100 lbs., $20.00.**

Blue Ribbon Chieftain

Unquestionably one of the most profitable varieties ever introduced, being very hardy, very early and very productive. Our sales of this variety are increasing largely every year, as gardeners recognize the merits of this fine Pea. We recommend it highly for first early. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.25; 25 lbs., $5.50; 100 lbs., $18.00.**

Wood, Stubbs & Co.'s Express

A vigorous grower, producing a heavy crop of large pods early in the season. One of the first on the market and splendid for first planting. **Pkt., 10c; 1 lb., 30c; postage or express prepaid—5 lbs., $1.25; 25 lbs., $5.00; 100 lbs., $17.50.**

Ameer

A smooth-seeded variety within three days as early as Alaska; just as hardy, but about twice the size. A valuable variety for the South. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.25; 25 lbs., $5.50; 100 lbs., $20.00.**

Alaska

Very popular everywhere, and grown largely for shipping and canning. Extra early and a reliable cropper. **Pkt., 10c; 1 lb., 30c; postage or express prepaid—5 lbs., $1.25; 25 lbs., $5.50; 100 lbs., $18.50.**

First and Best

An old and well known variety of first early; a good yielder. **Pkt., 10c; 1 lb., 30c; postage or express prepaid—5 lbs., $1.25; 25 lbs., $5.00; 100 lbs., $17.50.**

Tom Thumb

One of the older varieties; very dwarf and can be planted quite closely. Not as productive as the larger growers. **Pkt., 10c; 1 lb., 30c; postage or express prepaid—5 lbs., $1.25; 25 lbs., $5.50; 100 lbs., $20.00.**

Gradus or Prosperity Peas

Gradus or Prosperity

A wonderfully popular extra-early Pea, having the quality and size of Telephone, but being almost as early as the hard Peas. There has always been a great demand for it, both by market and home gardeners, so that the supply is invariably exhausted before the end of the season. **Pkt., 10c., 1 lb., 35c; postage or express prepaid—5 lbs., $1.40; 25 lbs., $6.50; 100 lbs., $24.00.**

McLean's Little Gem

Premium Gem—An old variety still largely grown and quite early. It is productive and the Peas are of high quality. Grows a little taller than most extra-early varieties. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.25; 25 lbs., $5.50; 100 lbs., $22.00.**

Little Marvel

A variety of recent introduction which is in great demand. It is extra early and bears a heavy crop of large pods containing peas of delicious flavor. It only grows about 12 or 15 inches high and is ideal for the home garden. A variety of great merit. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.25; 25 lbs., $5.50; 100 lbs., $22.00.**

Pioneer

Another large podded Dwarf Wrinkled Pea of Telephone or Gradus type and quality, but very early. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.50; 25 lbs., $7.00; 100 lbs., $25.00.**

Improved Pride of the Market

A mid-season variety, popular for both home and market. It grows about two feet tall and bears heavy crops of large pods well filled with Peas of a fine quality. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.25; 25 lbs., $5.75; 100 lbs., $22.00.**

Summer Queen

For second early this variety has proven especially good. Used largely by market gardeners as well as for home gardens. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.25; 25 lbs., $5.75; 100 lbs., $22.00.**

American Wonder

An old variety, but still largely grown. It is very dwarf and produces a good crop of pods early in the season. The peas are small, but of fine quality. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.25; 25 lbs., $5.75; 100 lbs., $22.00.**

Nott's Excelsior

One of the most popular varieties ever introduced. It is a trifle later than American Wonder, grows taller but does not require staking and is vastly more productive. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.25; 25 lbs., $5.75; 100 lbs., $22.00.**

Early Wrinkled Peas

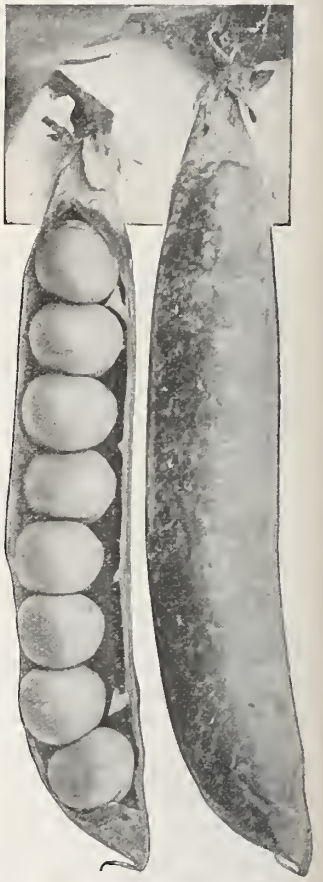
These are much finer than the hard, smooth Peas, being much sweeter and of superior flavor. They cannot be planted quite as early, as they are liable to decay in cold, wet soil.

WE PAY POSTAGE on Peas, pounds and less. Buyer pays charges larger quantities.

Laxtonian

This is called the "Dwarf Gradus," and well describes it. It produces the largest pods of all extra-early Dwarf Peas, yet is only a few days later than any of the early varieties. The quality is superb and this variety bids fair to become a standard for home and market. **Pkt., 10c; 1 lb., 40c; postage or express prepaid—5 lbs., $1.50; 25 lbs., $7.00; 100 lbs., $25.00.**

NOTICE: In the cental system which we have adopted this season for Peas, Beans, and Corn, one pound is equivalent to one pint, two pounds is equivalent to one quart and 7 pounds is equivalent to one gallon, approximately. You can easily figure the quantity by the quantities sown previous seasons. All varieties of Peas, Beans, and Corn are figured in this way.



Pride of the Market Peas

LATE PEAS

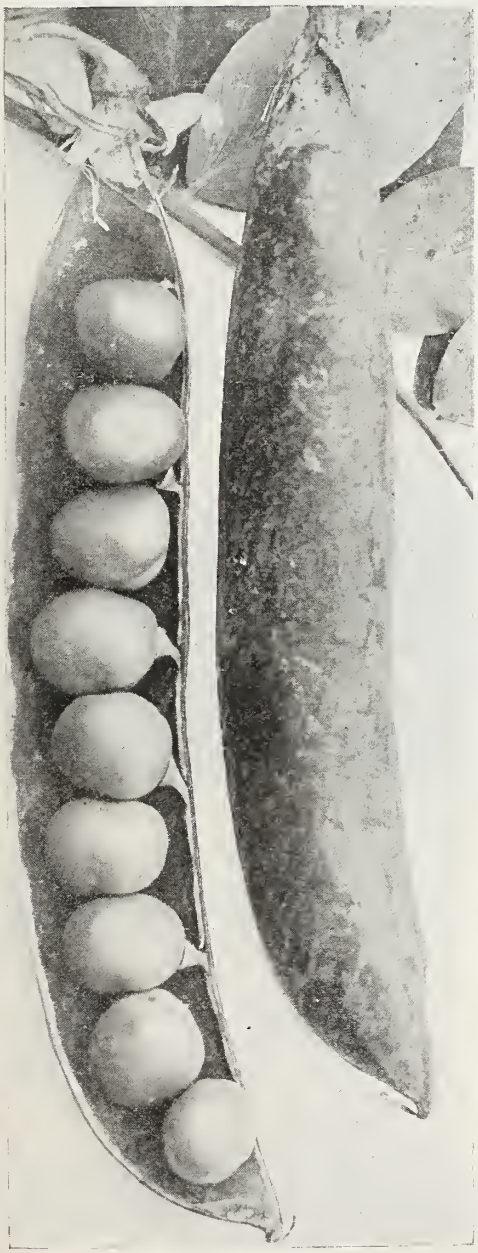
WE PAY CHARGES on Peas, pounds and less. Buyer pays charges larger quantities.

Improved Telephone

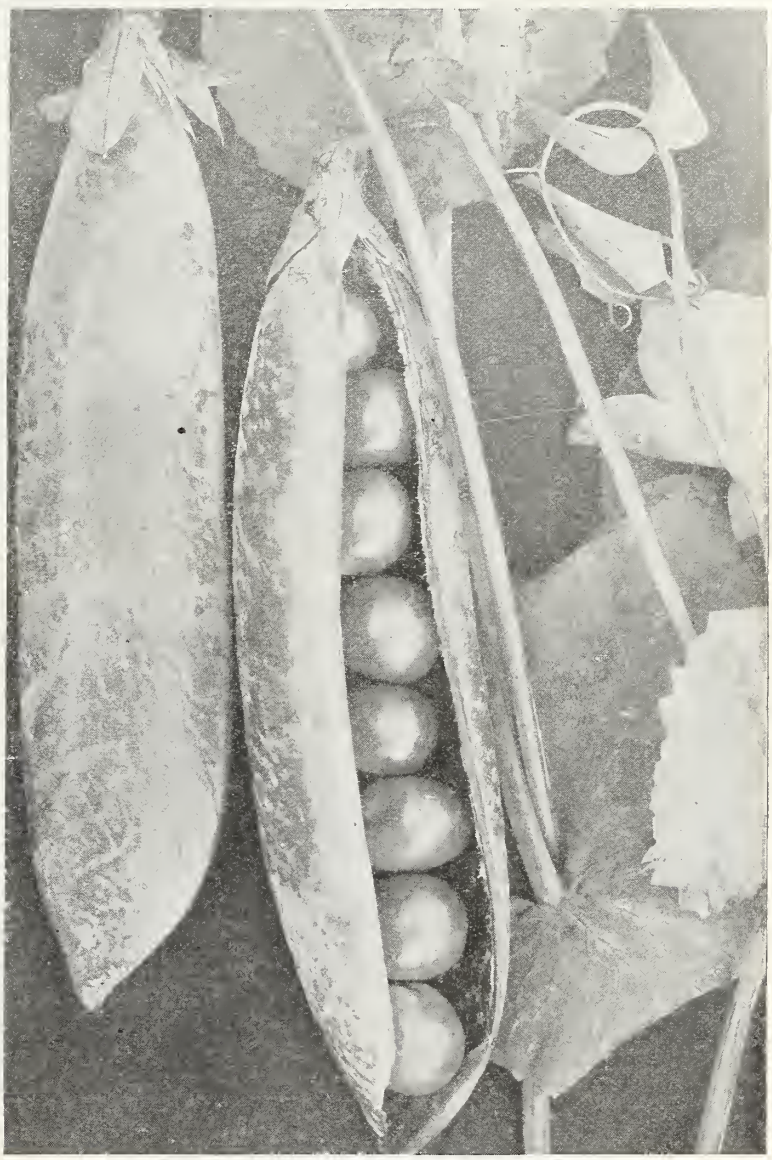
The standard late pea. Grown everywhere for market, also very generally used for the home garden. There is no finer variety but to get the best results it should be staked as it grows, three to four feet high. It is a heavy yielder, produeing long pods well filled with delicious Peas. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.25; 25 lbs., $5.75; 100 lbs., $22.00.**

Champion of England

This is a very old variety, but still largely grown on account of its high quality and produetiveness. It grows very tall and should always be staked. It bears over a long period if the pods are picked carefully to avoid breaking down the vines. **Pkt., 10c; 1 lb., 30c; postage or express prepaid—5 lbs., $1.25; 25 lbs. $5.50; 100 lbs., $20.00.**



Improved Telephone Peas



Alderman Peas

Alderman

A mid-season variety resembling Telephone. It is tall, a very vigorous grower and a great bearer; a splended variety. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.25; 25 lbs., $5.75; 100 lbs., $22.00.**

Large White Marrowfat

This is a late Pea, very hardy and a vigorous grower. The pods are of good size and usually eontain five or six Peas of good quality, but not of as high flavor as the regular garden Peas. **Pkt., 10c; 1 lb., 30c; postage or express prepaid—5 lbs., $1.10; 25 lbs., $4.50; 100 lbs., $16.00.**

Sutton's Excelsior

An extra hardy, early Wrinkled Pea, quite dwarf, produeing a fine crop of large pods, eontaining Peas of very fine flavor; very popular everywhere. **Pkt., 10c; 1 lb., 35c; postage or express prepaid—5 lbs., $1.40; 25 lbs., $6.50; 100 lbs., $24.00.**

NOTICE: In the cental system which we have adopted this season for Peas, Beans and Corn, one pound is equivalent to one pint, two pounds is equivalent to one quart and seven pounds is equivalent to one gallon, approximately. You can easily figure the quantity by the quantities sown previous seasons. All varieties of Peas, Beans and Corn are figured in this way.

Selected Northern Grown Seed Potatoes

Fancy Maine Grown Irish Cobbler Potatoes

Maine Grown Irish Cobbler Seed Potatoes

After having ascertained the shortage of our second crop and our inability to supply the trade with sufficient second crop seed Potatoes this season we sent a competent representative into the Maine Potato Growing Districts and after spending quite a good deal of time in this part of the country in which all of the best and choicest of the seed Potatoes are grown, our representative selected a large number of cars of the very highest grade seed potatoes, taking his choice of those which were grown especially for seed purposes in the different storage warehouses in Aroostook County. He selected our stock out of several thousand cars which he inspected while there. All of this stock was grown from seed which was certified by the Government last season and which is the very best quality that can be obtained.

The increasing demand for Maine Grown Cobblers has each season forced us to put in a larger and larger supply. One of the greatest advantages in planting Maine Grown Seed Potatoes is their earliness. There was quite a good deal of money made in this district last season by a few of our most up-to-date and energetic gardeners by having planted Northern grown Cobblers and Early Ohios which produced the first crop of Potatoes very much earlier than the crop produced by local grown stocks.

We especially recommend this stock as it has been very carefully selected from pedigreed Maine Grown Stock. The parties from whom these purchases were made claim that their fields have been rogued and all vines taken out that did not show true to name. Furthermore, seed was carefully hand selected before planting.

We have on hand, ready for delivery at any time large quantities of the finest stocks of Maine Grown Irish Cobblers obtainable, and owing to the conditions which now exist, as we see them, we expect higher prices during the planting season and would suggest placing your orders for later delivery, at the earliest possible moment.—**Pk. or 15 lbs., $1.00; bu. or 60 lbs., $3.00; 10 pks. or 150 lb. sack, $7.00**

Selected Early Rose Seed Potatoes

Early Rose

This old-time variety is still very popular. It is a long Potato and pink in color at the bud end. Grows to a good size, yields well and is of fine quality. **Northern Grown Seed—Pk. or 15 lbs., $1.00; bu. or 60 lbs., $2.75; 10 pks. or 150 lb. sack, $6.00.**

Selected Early Ohio Potato

Burbank

A late main crop variety of fine quality. It is an oblong Potato; grows to good size and is a good yielder. Good for heavy soils.

Northern Grown—Pk. or 15 lbs., $1.00; bu. or 60 lbs., $2.75; 10 pks. or 150 lb. sack, $6.00.

Early Ohio

A standard early Potato and a good one. Does well in all soils; is very early, oval in shape, has pink skin and shallow eyes. **It is a splendid keeper and is very largely planted in the South for shipping to Northern markets. Northern Grown Seed—Pk. or 15 lbs., $1.00; bu. or 60 lbs., $2.75; 10 pks. or 150 lb. sack, $6.00.**

Selected Second Crop Seed Potatoes

Second Crop Irish Cobbler Potatoes

Very few of our customers or folks are familiar with the Second Crop of Potatoes which is used here in Jefferson County. The first planting here is always marketed for eating purposes and is not satisfactory for Seed Potatoes unless it is treated by the usual method. The crop planted along about July 5 to August 10 or 15, sometimes produces as heavily as the first crop. This crop is used exclusively for seed purpose and hundreds of cars are shipped South each season for seeding purpose. The second crop which is harvested during the month of October is one of the finest we have had for a number of years in quality. The production is not up to the average, which makes the crop exceedingly short this season and very high prices prevail. This is occasioned on account of the exceedingly heavy demand for this particular variety of vegetable. We see no reason at the present writing why they should not be exceptionally high again this season as exceptionally high prices undoubtedly will prevail in the planting districts. This being the case, we recommend an abundant planting as we believe the results obtained therefrom, will be very satisfactory. They should be planted in rows about 2½ feet apart as early in the Spring as the ground will permit working.

Irish Cobbler

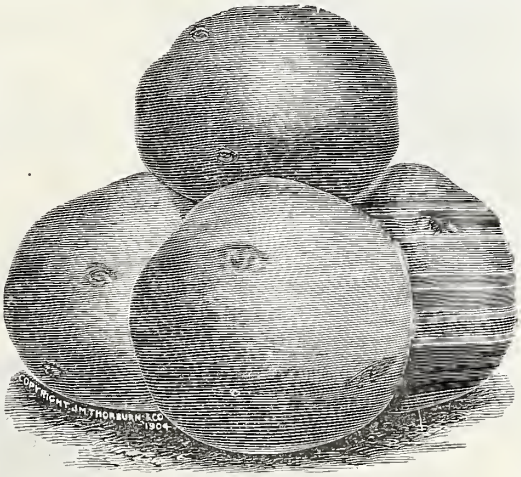
A large Potato and a heavy yielder. Tubers round and slightly flattened; flesh white and cooks dry and floury. It is very popular in this section, both for early and late planting. The vines are vigorous and make a healthy growth and we advise early orders to insure their being filled in full.

Choice Second Crop—Pk. or 15 lbs., $1.00; bu. or 60 lbs., $2.75; 10 pks. or 150 lb. sack, $6.00.

Bliss Triumph

Triumph is about a week earlier than the Ohio, round with square ends; skin red and flesh pure white and fine. A good yielder of medium sized Potatoes.

Second Crop—Pk. or 15 lbs., $1.00; bu. or 60 lbs., $3.00; 10 pks. or 150 lb. sack, $7.00.



Bliss Triumph Potatoes

Petosky

This potato, which is one of the white varieties, is almost similar to the Cobbler, differing from it only in a slight degree. Quite a number of farmers and gardeners here have been growing this potato instead of the Cobbler, claiming for it advantages which they did not get from the Cobbler. Its shape is similar to the Cobbler, and it matures practically at the same time, only a trifle later. It is used to a large extent, both for first and second crop planting with equal success. It doesn't blight, and does not become hollow with large growth, as does the Cobbler sometimes. The skin is smooth, eyes comparatively deep, and almost round in shape. For small gardens we recommend it. **Second Crop—Pk. or 15 lbs., $1.00; bu. or 60 lbs., $2.75; 10 pks. or 150 lb. sack, $6.00.**

Lookout Mountain

A very popular variety for the South, somewhat elongated; eyes medium deep; smooth skin and a heavy producer. They are just a little bit later for first crop in maturing than Cobblers and for second crop planting should be planted about ten days or two weeks earlier than other varieties. This, however, only applies to second crop planting. We believe this Potato is going to fill the place of the Bliss Triumph Potatoes in the South for a main crop as everyone experiences great difficulty in securing Bliss Triumphs with which to supply the Southern trade. These potatoes are very fine quality for table purposes. **Second Crop, prices—pk. or 15 lbs., $1.00; bu. or 60 lbs., $2.75; 10 pks. or 150 lb. sack, $6.00.**

Carman No. 3

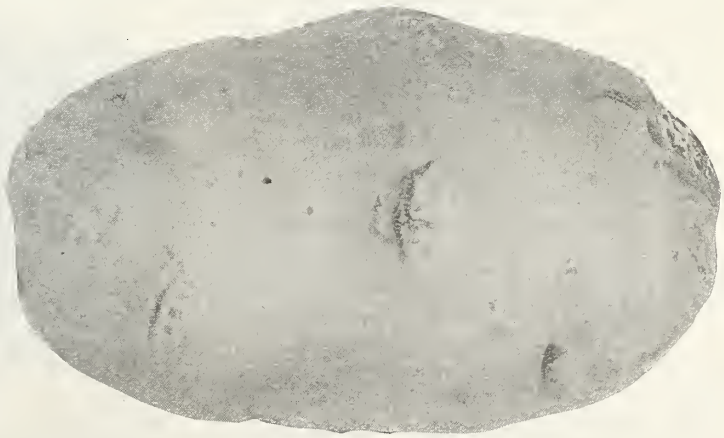
There is no better late or main crop variety than this. It is large, round, slightly flattened, has white skin with shallow eyes and is a heavy yielder. The quality is extra fine. **Second Crop—Pk. or 15 lbs., $1.00; bu. or 60 lbs., $2.75; 10 pks. or 150 lb. sack, $6.00.**

Early Puritan

The Puritan is a white Potato, long in shape; early; a vigorous grower; good yielder. The vines are free from disease. **Second Crop—Pk. or 15 lbs., $1.00; bu. or 60 lbs., $2.75; 10 pks. or 150 lb. sack, $6.00.**

Bull Moose

A grand, new variety, introduced here recently and becoming wonderfully popular. It is a large, white Potato of Carman type; a great yielder and a Potato of extra fine quality. **Pk. or 15 lbs., $1.00; bu. or 60 lbs., $2.75; 10 pks. or 150 lb. sack, $6.00.**



Lookout Mountain Potatoes

RADISH

Finest French Grown Seed

Radishes require a rich soil with plenty of moisture to do well as their quality depends largely on the rapidity of growth. They can be sown in hot-beds for extra early use, but in this case require plenty of air and uniform temperature. If sown in open ground make first sowing as early as the ground is in working order and sow at intervals of about two weeks on through the season. There are varieties especially adapted for Summer and Fall crops. The early varieties are ready for use in from three to four weeks. An ounce will sow 100 feet of drill; 10 to 12 pounds per acre.

Early White Tip Scarlet Turnip Radish.

ROUND VARIETIES

Extra Early White Tip Forcing

This is an extra fine Radish, a bright scarlet with white tip. It is an early variety with very small top and our stock is special and extra fine, maturing early; very uniform and first-class in every way. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $2.00; postpaid.**

Extra Early Scarlet Globe

A good Radish for early forcing or outdoor use. Roots are olive shaped and a bright scarlet. It matures early and is very popular for market growing. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $2.00; postpaid.**

Early White Tipped Scarlet Turnip

Very popular as a market Radish, having small tops and making a very rapid growth. It is a bright red, shading off to white at the tip. Sometimes listed under name of Rosy Gem or Rapid Forcing. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $2.00; postpaid.**

French Breakfast

A standard variety, olive shaped, bright red with small white tip. Very early and popular alike with market gardeners and home gardeners. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50; postpaid.**

New Round Scarlet China

A fine new variety; very showy on account of its bright scarlet color. Grows large if allowed to stand, yet does not become pithy. A valuable variety for market growers. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $2.00; postpaid.**

Early Red or Scarlet Turnip

The roots of this variety are small, nearly round and of a bright scarlet color and remain in good condition for some time. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.75; postpaid.**

Ne Plus Ultra

Globe-shaped, a bright scarlet color and of good quality. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.75; postpaid.**

Early White Turnip

Resembles Scarlet Turnip except that it is white. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.25; postpaid.**

Golden Globe Summer

A round Radish with russet colored skin. Is valuable for Summer planting as it remains in good condition over a long period and does not become pithy. **Pkt., 5c; oz., 15; ¼ lb., 50c; lb., $1.75; postpaid.**

Round Black Spanish

This is a Winter variety with very dark skin, but the flesh is white and crisp. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50; postpaid.**

Mixed Turnip Varieties

A mixture of many turnip-shaped varieties. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50; postpaid.**

Early Red or Scarlet Turnip Radish.

RADISHES

LONG RADISHES

White Strassburg

A very fine Summer Radish and grown everywhere. It grows large and keeps in good condition for a very long time. The flesh is white, tender and mild. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.75; postpaid.**

Brightest Long Scarlet

A fine Radish of attractive color and size. Very tender and crisp; grows rapidly. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50; postpaid.**

Chartier Long Scarlet

A long Radish, very desirable for Summer use. Grows to a good size and stands well without becoming pithy. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50; postpaid.**

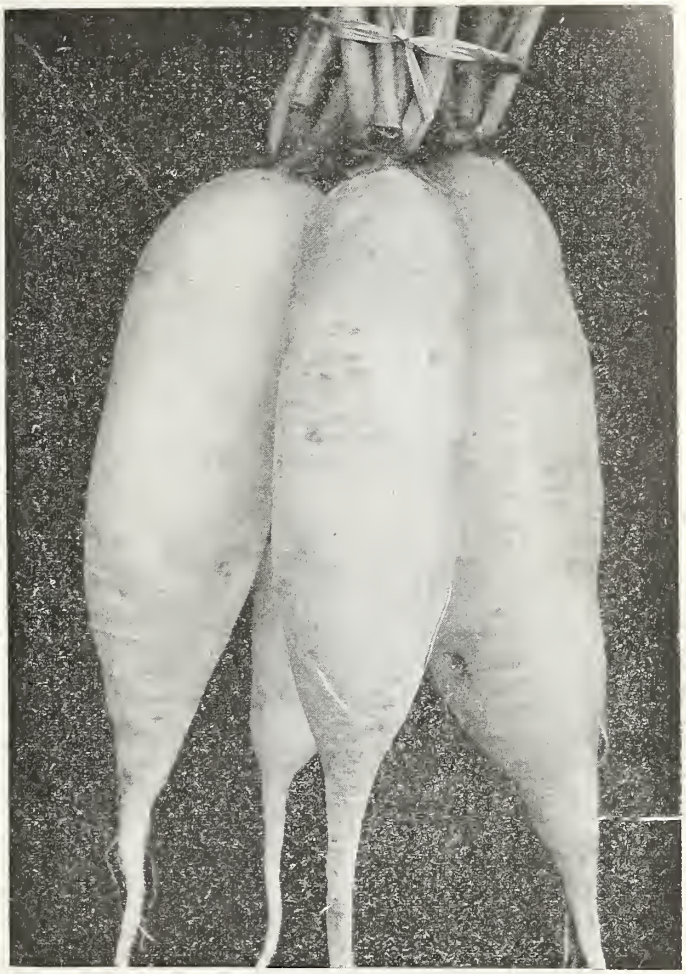
Long White Naples

Somewhat resembles White Strassburg, but grows longer and is not so thick. A popular variety. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.75; postpaid.**

Giant White Stuttgart

Good for either Summer or Winter use. It grows to a very large size, yet is fine grained, mild and tender. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50; postpaid.**

White Icicle Radish



White Strassburg Radish

White Icicle

A very popular long Radish with white skin. It makes a very rapid growth, being ready for use in less than 30 days, yet keeps in good condition for some time. Those who like the long Radishes should grow this one. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $2.00; postpaid.**

Woods Early Frame

Similar to the above. Especially selected for forcing. Has small tops and makes a rapid growth. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50; postpaid.**

Rose China Winter

Very largely planted for Fall and Winter use. Half-long in shape and of a bright crimson color. The flesh is white, fine grained and of good quality. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50; postpaid.**

Long Black Spanish

A winter Radish producing long roots with dark skin and pure white, tender flesh; a splendid keeper. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50; postpaid.**

Long White Spanish

Similar to the above except as to color. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50; postpaid.**

Rhubarb or Pie Plant

Salsify

A vegetable which is becoming more popular every year. It is valuable for Winter use and can be treated same as parsnips, either left in the ground all Winter, pitted or placed in a box in the cellar and well covered with soil, to be used as needed. Sow the seed soon as ground can be worked, and when well up thin to four inches apart in the row. The latter should be 15 to 18 inches apart. One ounce will sow a row of 100 feet; three pounds to the acre.

Mammoth Sandwich Island

The best variety, growing to a large size, with smooth roots of fine quality. **Pkt., 5c; oz., 20c; ¼ lb., 60c; 1 lb., $2.00; 5 lbs., $9.00; postpaid.**

Rhubarb or Pie Plant

This can be grown from seed, although it takes much longer to get returns. Seed can be sown early in the Spring in drills and thinned to six inches apart. In the Fall transplant the young plants, setting them about four feet apart each way. The ground cannot be too rich and each Fall, after growth has ceased, it is advisable to mulch well with manure. Stalks should not be pulled until the second year from planting, and no plants should ever be allowed to go to seed. Cut the blossom stem out as soon as it appears. A dozen roots are ample for an average garden.

Myatt's Victoria Seed

The best Rhubarb for the South. **Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50, postpaid.**

Rhubarb Roots

This Spring we have the finest lot of roots we have ever seen. They are two-year-old plants from seed—not divided plants, and will grow vigorously. **15c each; $1.00 per dozen; postpaid—$6.00 per 100; $50.00 per 1000.**

Monroe Co., Ky.

I thank you many times for your kindness and when I buy a farm again I will buy my seeds from you again as I like your seeds fine.

W. F. POWELL.

Mammoth Sandwich Island Salsify

Spinach—Round Thick Leaf

SPINACH

Should be grown in every garden for greens. It is very healthful and should be freely used, as it is easily raised, requires little cultivation and seed is easily sown. It can be sown in drills, which should be about 18 inches apart, covering the seed with an inch of soil, or it can be sown broadcast. Can be sown in February, March and April or in September or October, for late Fall and early Spring use. One ounce will sow 100 feet of drill; 20 pounds per acre, in drills, or 25 to 30 pounds broadcast. One-half pound is sufficient for an average garden.

Victoria

This remains in edible condition longer than other varieties, yet is very early, of fine quality and good in every way. **Oz., 15c; ¼ lb., 50c; lb., $1.75; postpaid.**

Round Thick Leaved

A standard variety, valuable for Spring planting. Forms large, thick leaves of good quality. **Oz., 15c; ¼ lb., 50c; lb., $1.75; postpaid.**

Norfolk Savoy or Bloomsdale

A hardy variety, very early, producing leaves resembling a Savoy Cabbage; a good variety for Fall seeding. **Oz., 15c; ¼ lb., 50c; lb., $1.75; postpaid.**

Long Season

Well known variety for either Fall or Spring seeding. Stands a long time in edible condition. **Oz., 15c; ¼ lb., 50c; lb., $1.75; postpaid.**

Squash or Cymbling

There are two types of these, the Summer and Winter varieties. The former are used when they are about half grown and are soft and tender, but are of no value when matured. The Winter Squash is one of our finest Winter vegetables and should be largely grown. No variety can be planted until the weather has become warm, as the plants are very susceptible to cold, damp weather. For the Summer varieties, hills can be made four to six feet apart. For the Winter varieties they should be eight to ten feet apart. The ground should be made very rich. Sow eight or ten seeds in a hill and after danger from bugs or cutworms is over, thin to four plants in a hill. The striped beetle and large Squash bug are very troublesome, but can be held in check if tobacco dust or stems are freely used in the hills and the plants dusted frequently about with slug shot, air-slaked lime or fine dry ashes mixed with road dust. An ounce of the Summer varieties will plant 30 hills; of the Winter sorts, 15 hills.

Earliest Prolific

An extremely early variety of Summer Squash of Patty Pan type; a bush Squash, remarkably productive and of good quality. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; postpaid.**

Mammoth White Bush

Similar to the Early White Bush, but larger. The skin is almost white and the squashes are more uniform in shape. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; postpaid.**

Golden Summer Crookneck

An old-time variety, grown extensively. It is early and productive and of good flavor. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; postpaid.**

Boston Marrow

This is a Fall Squash and also can be stored for Winter use. The flesh is yellow, fine grained and of good quality. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; postpaid.**

Hubbard

The standard Winter Squash and the finest in flavor of all varieties, also the best keeper. Should be grown whenever it is possible to produce Squash. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; postpaid.**

Early White Bush or Patty Pan Cymbling

Very largely grown in the South. Early, productive and a good shipper. **Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., $1.00; postpaid.**

Squash

Blue Ribbon Pioneer Tomatoes

TOMATOES

Seed can be grown in hot-bed or in boxes in the house for earliest plants and later in cold-frames or in the open ground as soon as danger of frost is past. If sown thinly in rows they will stand until large enough to handle. Enough plants can be started in an ordinary wooden box to supply the average family, but they would of course have to be transplanted to pots or other boxes to afford room for growth. Tomatoes are one of the earliest vegetables to grow from seed, and all should have them, as they are not at all particular as to soil. Where possible, it is well to make this rich, either with stable manure or a good grade potash fertilizer. Set the plants three to four feet apart each way and cultivate well. An ounce of seed will produce about 1500 plants. Three to four ounces are sufficient for an acre.

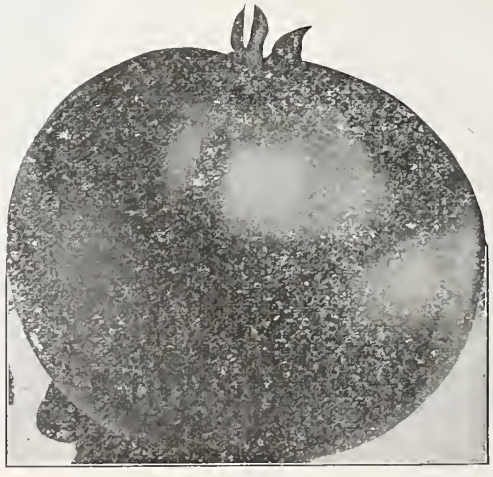
Early Tomatoes

Blue Ribbon Pioneer

A variety which has given excellent satisfaction during the past five years. It is very early, of fine shape, large and smooth, and of a purplish crimson color. We recommend it highly for home market and shipping. **Pkt., 5c; ½ oz. 20c; oz., 40c; ¼ lb., $1.25; lb., $4.00; postpaid.**

June Pink

A fine early Tomato, largely grown on account of its productiveness and earliness. It does well on light soil and is of good size and color and popular everywhere. **Pkt., 5c; ½ oz., 25c; oz., 40c; ¼ lb., $1.25; lb., $4.00; postpaid.**



Blue Ribbon Market Gardener Tomato

Spark's Earliana

One of the best early Tomatoes ever offered. The fruit is of good size, smooth and a bright red color. Very productive for so early a variety and ripens up its fruit evenly. **Pkt., 5c; ½ oz., 20c; oz., 35c; ¼ lb., $1.25; lb., $4.00; postpaid.**

Blue Ribbon Gardener's Special

A splendid early variety, purplish crimson in color. Rather globe-shaped and of fine flavor. It is a vigorous grower, productive and ripens a large part of its crop early, although bearing over a long season. We hope all gardeners will try this, as we feel confident that they will be well pleased with the results. **Pkt., 5c; ½ oz., 20c; oz., 40c; ¼ lb., $1.25; lb., $4.00; postpaid.**

Tomatoes—Continued

Bonnie Best

This is one of the best scarlet Tomatoes now in use; very early, as early as Earliana; vigorous, productive, with an abundance of foliage which serves to protect the fruit from the hot sun. Ripens evenly. It is round, slightly flattened at the stem end but quicker than most Tomatoes. Uniform in size and flatness, being practically free from rough and imperfect specimens. This is a favorite wherever used and very satisfactory to the Southern growers, as to quality, earliness and productiveness. **Pkt., 5c; oz., 35c; ¼ lb., $1.25; lb., $4.00; postpaid.**

Chalk's Jewell

Another very fine deep red variety. A great cropper, producing quantities of large, smooth fruits of fine flavor. A splendid Tomato for market or home use. **Pkt., 5c; oz., 35c; ¼ lb., $1.25; lb., $4.00; postaid.**

Dwarf Champion

This is quite early, of upright growth and does not spread over the ground, even when laden with fruit. The fruit is medium-sized, purplish red and smooth. A good variety for the home garden where space is limited, as the upright growth enables close planting. **Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., $3.00; postpaid.**

Acme

An early purplish red Tomato of fine quality; an old-time variety but still very popular, both for home and market use. **Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., $3.00; postpaid.**

Crimson Cushion

Somewhat like Ponderosa, though not quite so large, but rather more productive, and a bright red color. **Pkt., 5c; oz., 30c; ¼ lb., $1.00; postpaid.**

Beauty

A good Tomato for all purposes. Is early, of good size, smooth, a good bearer and the quality is all that could be desired. The fruit is a purplish red color. **Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., 3.00; postpaid.**

Bonnie Best Tomato

Beauty Tomato

Trucker's Favorite

A good main crop purple variety; a heavy yielder of smooth, solid fruit of good size. **Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., $3.00; postpaid.**

Improved Trophy

A vigorous grower, producing heavy crops of deep red fruit; fine for all purposes. It is rather late. **Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., $3.00; postpaid.**

Golden Queen

The best yellow variety; of good size, very mild flavor and fine for slicing or preserving. **Pkt., 5c; oz., 30c; ¼ lb., 85c; postpaid.**

Yellow Pear Shaped

A small sort, very productive and fine for preserving or pickles. **Pkt., 5c; oz., 30c; ¼ lb., 85c; postpaid.**

Yellow Plum

Another small Tomato of plum-shape; a heavy yielder and valuable for preserving. **Pkt., 5c; oz., 30c; ¼ lb., 85c; postpaid.**

Globe Tomato

Tomatoes—Con't.

MAIN CROP VARIETIES

Globe

A variety of almost perfect shape. Medium size and purplish pink color. Used very largely for greenhouse planting; also grown extensively in the South for shipping to Northern markets. It is early, productive, of very fine flavor, and so firm and solid that it is a splendid shipper. **Pkt., 5c; ½ oz., 25c; oz., 40c; ¼ lb., $1.25; lb., $4.00; postpaid.**

Buckeye State

A large purple red variety; popular for growing on stakes; not a very heavy yielder, but of good quality. **Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., $3.00; postpaid.**

Dwarf Stone

A good red Tomato; grows somewhat like Dwarf Champion. The fruit resembles Stone in color and quality, but the plants are not so productive. It is valuable, however, for the home garden, where space is limited. **Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., $2.50; postpaid.**

Stone

A very fine red Tomato; splendid for main crop; used very largely for canning. It is a great bearer; the fruit is large and smooth and first class in every way. We have an extra fine strain of this. **Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., $2.50; postpaid.**

Matchless

A bright red Tomato of good size and quality; good for main crop and fine for canning. **Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., $2.50; postpaid.**

Ponderosa

This variety is extremely popular with home gardeners for training on stakes. The fruit grows to an immense size; is very heavy and solid; of a fine purplish crimson color; and good flavor. Often called "Beef Steak Tomato." **Pkt., 5c; oz., 40c; ¼ lb., $1.25; postpaid.**

Ponderosa Tomato

Wood, Stubbs & Co.'s Improved Purple Top Globe Turnip

TURNIPS

Turnips are very easily grown, but to have roots of good quality they should make a rapid growth. For early Summer use, it is advisable to get them sown early (February or March), so that growth can be made before hot weather comes. For Fall or Winter use, sow from July to September. They can be sown in drills or broadcast. An ounce will sow 400 feet of drill, or a plot 19x19 feet broadcast. An acre requires one and one-half pounds if drilled, or two pounds broadcast. The ground can hardly be too rich and seed will start much quicker if sown in freshly stirred soil. When sown in drills, thin out as soon as plants are large enough to handle. The salad Turnips require three pounds to the acre. Ruta Baga or Swede Turnips should be sown in July or early August and be well cultivated.

Turnips are very fine for stock-feeding, as well as for table use, and should be grown more largely. They are very productive, easy to grow and the cost of seeding is practically nothing. Our Turnip seed is French grown and is extra fine. If turnips are gathered and the tops cut off before severe freezing weather and piled on soil which is well broken and covered with three or four inches of dirt, they will keep well into the Winter, retaining their firmness and also their flavor.

Early Red or Purple Top Strap-leaved

A good early, flat Turnip. Roots are reddish purple above ground. Roots are in best condition for table use when about half grown. **Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., $1.50; postpaid.**

White Flat Dutch (Strap-leaved)

Similar to the above except that entire root is white. **Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.25; postpaid.**

Wood, Stubbs & Co.'s Improved Purple Top Globe

Our special strain of this Turnip is extra fine. It has small tops and the roots are very uniform, fine-grained and of mild flavor. **Pkt., 5c; oz., 15c; ¼ lb., 60c; lb., $2.00; postpaid.**

Extra Early Red or Purple Top Milan

This is the very best early Turnip. Extremely early, of high quality and rapid growth. Fine for either market or home use. **Pkt., 5c; oz., 15c; ¼ lb., 60c; lb., $2.00; postpaid.**

Large White Norfolk

A variety grown extensively for stock-feeding, also for use as greens. **Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., $1.50; postpaid.**

Large Amber or Yellow Globe

Grows to a large size; of globe shape with light yellow skin; flesh is also yellow and of good quality. **Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., $1.50; postpaid.**

Long White Cowhorn

Rather resembles a carrot in growth, although generally inclined to be crooked. It is of rapid growth, pure white and good for either stock or table use. **Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., $1.50; postpaid.**

Southern Prize

A very hardy sort; used largely for greens in same manner as Seven Top. The roots are also valuable for stock feeding, growing to a large size. Grows outdoors all Winter. **Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., $1.50; postpaid.**

Seven Top

Used extensively for greens, as it is very hardy and continues to grow throughout the Winter. The roots are of no value, as the plant develops so much top. Used for grazing in the South. **Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., $1.50; postpaid.**

Purple Top Yellow Aberdeen

Rather resembles a Swede Turnip. The flesh is a pale yellow, very firm and the roots keep well on into Spring. It is later than most varieties, so should be sown a couple of weeks sooner than the other vatieties for Fall use. **Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., $1.50; postpaid.**

White Egg

An oval-shaped White Turnip. The roots of which grow partly out of the ground. Should be used when about half-grown. **Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., $1.50; postpaid.**

Ruta-Baga or Swede Turnip

Wood, Stubbs & Co. Improved American Purple Top Yellow

This is the finest strain of Swede Turnip procurable, both as to quality and production. The roots are large, but not coarse, and the flavor is very mild. A heavy yielder. **Pkt., 5c; oz., 10c; ¼ lb., 60c; lb., $2.00; postpaid.**

Crawford County, Ky.,

We are very much pleased with the Tobacco, Turnip and Flower seeds you sent us. I certainly had a fine tobacco crop and my daughter had excellent flower garden last year. The turnips were the best we ever raised, and I am sending you another order. E. E. REASOR.

TOBACCO

KENTUCKY'S NOTED CROP

Our Tobacco Seed is carefully grown from the best types of the different varieties and is saved from center stems only

Culture—Seed is sown in February in a plant bed which is protected with thin cotton cloth. About June 1st set in rich or highly fertilized ground in rows three and a half by three feet. Cultivate often and worm and sucker as necessary. Use **Acme Brand Potato and Tobacco Fertilizer.** One ounce sows 50 square yards, sufficient to set two or three acres.

Fine Burley Tobacco Seed

Carefully saved for us by one of the best growers in Kentucky, and of greatly improved type. Large, wide leaf, very porous, making fine plug fillers and wrappers. Suitable for limestone soils.

White Burley—Pkt., 10c; oz., 40c; ¼ lb., $1.00; lb., $3.00; postpaid.

Red Burley—Pkt., 10c; oz., 40c; ¼ lb., $1.00; lb., $3.00; postpaid.

Stand-up Burley—Pkt., 10c; oz., 40c; ¼ lb., $1.00; lb., $3.00; postpaid.

Cigar Tobaccos

Vuelta de Abajo—The finest, silkiest and most highly flavored Havana. First crop seed carefully grown. Pkt., 10c; oz., 50c; ¼ lb., $1.75.

Havana—A strain of Americanized Havana, good for cigars or smoking mixtures. Pkt., 10c; oz., 40c; ¼ lb., $1.50.

Connecticut Seed Leaf—A quick maturing stocky sort, leaves moderate length and of good width. Good for fillers. Pkt., 10c; oz., 30c; ¼ lb., $1.00.

Tobacco

Standard Varieties

One Sucker—A popular variety of tobacco, having leaves of good breadth and quality. Best planted in alluvial soil or rich red clay land. Pkt., 10c; oz., 30c; ¼ lb., $1.00; lb., $3.00; postpaid.

Big Oronoko—Broad, long leaf, of fine texture; dark color good, for fillers and strips for sun-cured Tobacco. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., $2.50; postpaid.

Sweet Oronoko—One of the best for fillers, smoking or homespun twist. It cures a rich red; has a long narrow leaf. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., $2.50; postpaid.

Blue Pryor—A favorite heavy, dark Tobacco for black strips, wrappers and fillers. Broad, long leaves. Pkt., 10c; oz., 30c; ¼ lb., 85; lb., $2.50.

Select Varieties

Improved Yellow Pryor—Makes fine plug wrappers, cutters, fillers, and smoking Tobacco. On rich lands yields a heavy crop. Pkt., 10c; oz., 30c; ¼ lb., 85c.

Improved Yellow Oronoko—Fine yellow wrappers and splendid for cutters or smoking. Pkt., 10c; oz., 30c; ¼ lb., 85c.

Kentucky Yellow—A fine broad-leaf sort, suitable for strips, dark wrappers and fillers. Suitable for rich, alluvial soils. Pkt., 10c; oz., 30c; ¼ lb., 85c.

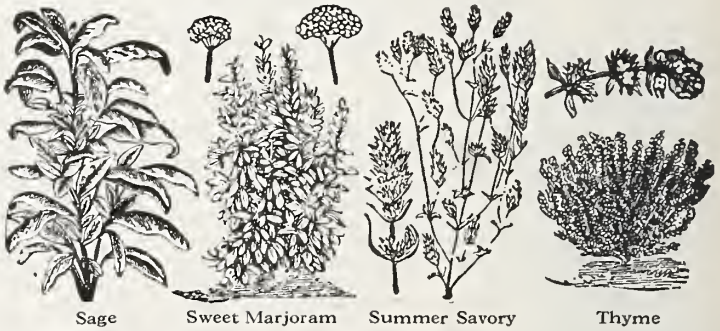
Broad Leaf Gooch—A good variety for heavy mahogany wrappers as well as bright grades. Best suited to gray or sandy soils. Pkt., 10c; oz., 30c; ¼ lb., 85c.

HERBS

Aromatic, Medicinal and Pot

General Cultural Directions—Sow in the early Spring, in rich, loamy soil and in shallow drills about eighteen inches apart. Most of the seed should be sown in April and the larger growing varieties can be transplanted when large enough. Cut when in bloom, and let them wilt in the sun and thoroughly dry in the shade.

Packets of varieties, 5c each, postpaid.



Sage — Sweet Marjoram — Summer Savory — Thyme

Anise—Well known; has an agreeable aromatic odor and taste. Used for dyspepsia and colic, also garnishing. Thin out to three inches apart in a row. Pkt., 5c; oz., 20c.

Basil—Sweet. Used for flavoring soups and sauces; has odor of cloves. Pkt., 5c; oz., 20c.

Dill—The seeds are aromatic and are used in soups, sauces and pickles. Medicinally it is used for colic and flatulence. Added to pickled cucumbers it heightens their flavor and such pickles are known as "Dill Pickles." Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., $1.50; postpaid.

Fennel—Leaves are largely used in soups, fish, sauces, and for salads. The seeds are sometimes used in confectionery. Pkt., 5c; oz., 15c.

Lavender—Used to make lavender water, and when dry to perfume linen. Should be picked before becoming dry and hard, and dried quickly. Pkt., 5c; oz., 30c.

Marjoram—Sweet. The tender tops used green or dry for flavoring and seasoning sausages and dressings. Thin out to ten inches apart. Pkt., 5c; oz., 30c.

Sage—Broad-leaved English. Pkt., 5c; oz., 20c.

Summer Savory—Used extensively for dressing and soups. Pkt., 5c; oz., 30c.

Thyme—Used both green and dry for soups, dressings, and sauces. Pkt., 5c; oz., 30c.

Planting, Maturity and Weight Table

This is for field planting, and where plants and roots are stated, it is necessary to have them ready before-hand. The third column indicates the distance that the plants should stand in the rows, and where seed is sown they should be thinned out to this distance. The fifth column indicates maturity from the time plants are planted in the field or seed is sown in the field. Also note that the last column is the approximate weight of seeds and not products. Time of planting and maturity is for latitude of Louisville.

* Indicates that the crop can either be planted in the Spring or Fall; if in the Spring, February to April, in the Fall, August and September.

	Time to Sow or Plant	Distance of Rows Apart	Distance of Plants in Rows	Quantity per Acre	Ready to Use	Approximate Weight of Seeds per bu. in lbs.
Alfalfa	*Mar. to Sept.	Broadcast	Broadcast	20 lbs.	Next year	60
Artichoke—Tubers	Mar. to Apr.	2½ ft.	2 ft.	6 to 8 bu.	Sept. to Oct.	50
Asparagus—Seeds	Mar. to Apr.	15 in.	4 to 6 in.	8 to 10 lbs.	3 years	60
Asparagus—Roots	Feb. to Mar.	6 to 8 ft.	12 to 18 in.	4,000 to 7,000	2 years	----------
Beans—Dwarf	Apr. to Aug.	2½ ft.	4 to 6 in.	90 lbs.	8 weeks	60
Beans—Navy	May to June	2½ft.	6 in.	45 to 60 lbs.	Winter	60
Beans—Soja	May to June	Broadcast	Broadcast	1 to 1½ bu.	Fall and Winter	60
Beans—Pole	May to June	4 ft.	3 ft.	40 lbs.	10 weeks	60
Beets—Table	Feb. to July	12 to 18 in.	4 in.	6 to 8 lbs.	1½ to 3 mo.	19½
Beets—Sugar	Apr. to June	2½ to 3 ft.	6 to 8 in.	5 to 6 lbs.	Fall and Winter	19½
Buckwheat	June to Aug.	Broadcast	Broadcast	1 bu. or 50 lbs.	Fall	50
Cabbage—Plants (early)	Mar. to Apr.	30 in.	15 to 20 in.	10,000 to 14,000	June and July	54
Cabbage—Plants (late)	July to Aug.	3 ft.	2 ft.	7,260	Fall and Winter	54
Carrot	Mar. to June	1 to 2 ft.	3 to 4 in.	3 to 4 lbs.	45 to 70 days	28
Cauliflower—Plants	Mar. to Apr.	2½ ft.	2 ft.	8,000 to 10,000	3 months	54
Celery—Plants	June to Aug.	3 to 4 ft.	6 to 9 in.	15,000 to 30,000	4 to 5 mo.	37
Clover—Red and Sapling	*Feb. to Sept.	Broadcast	Broadcast	8 to 10 lbs.	Next year	60
Clover—Alsike	*Feb. to Sept.	Broadcast	Broadcast	5 to 8 lbs.	Next year	60
Clover—Crimson	July to Sept.	Broadcast	Broadcast	12 to 15 lbs.	May 1	60
Corn—Garden	Apr. to July	3 to 3½ ft.	9 to 15 in.	8 lbs.	2 to 3 mo.	44 to 50
Corn—Field (drills)	Apr. to July	3½ to 4 ft.	10 to 18 in.	7 to 8 lbs.	3 to 4 mo.	56
Corn—Field (checked)	Apr. to July	3½ to 4 ft.	3½ to 4 ft.	6 lbs.	3 to 4 mo.	56
Cucumber	Apr. to July	4 to 5 ft.	4 ft.	2 lbs.	2 to 2½ mo.	39
Egg Plant—Plants	May to June	3 ft.	2½ to 3 ft.	5,000 to 6,000	60 days	39
Endive	Aug.	18 in.	12 in.	4 to 5 lbs.	2 to 2½ mo.	26
Grass Seeds—(Light)	*Feb. to Oct.	Broadcast	Broadcast	1½ to 2 bu.	Next year	14
Grass Seeds—(Lawn)	*Feb. to Oct.	Broadcast	Broadcast	80 to 100 lbs.	8 to 10 weeks	20
Horseradish—Roots	Feb. to Mar.	2½ ft.	12 to 18 in.	12,000 to 15,000	6 to 8 mo.	----------
Kale—Spring	*Feb. to Sept.	Broadcast	Broadcast	6 to 8 lbs.	5 to 6 weeks	56
Kale—Winter	July to Sept.	Broadcast	Broadcast	3 to 4 lbs.	Fall to Spring	54
Kohl Rabi—Plants	Mar. to Apr.	1½ to 2 ft.	10 to 12 in.	21,000 to 34,000	2½ to 3 mo.	56
Lettuce—Plants	*Mar. to Sept.	12 to 15 in.	6 to 8 in.	40,000 to 80,000	1½ to 2 mo.	35
Melon—Musk	May to July	4 to 6 ft.	4 to 6 ft.	2 lbs.	2½ to 3 mo.	32
Melon—Water	May to June	8 to 10 ft.	8 to 10 ft.	3 lbs.	3 months	35
Millet—German	May to July	Broadcast	Broadcast	1 bu.	6 to 7 weeks	50
Mustard	*Mar. to Sept.	Broadcast	Broadcast	4 to 5 lbs.	6 to 8 weeks	56
Oats—Spring	Mar. to Apr.	Broadcast	Broadcast	1½ to 2 bu.	July 1	32
Oats—Winter	*Feb. to Sept.	Broadcast	Broadcast	1½ to 2 bu.	June 20 to July 10	32
Okra	Apr. to May	2½ to 3 ft.	8 to 10 in.	8 to 10 lbs.	60 to 70 days	48
Onions—For large bulbs	Mar. to Apr.	12 to 14 in.	----------	4 to 5 lbs.	July to Aug.	39
Onions—For sets	Mar. to Apr.	10 to 12 in.	----------	40 to 50 lbs.	July	39
Onion Sets	Feb., Mar., Apr.	12 in.	4 in.	15 to 16 bu.	June	32
Parsley	Mar. to Apr.	12 in.	----------	15 lbs.	July	42
Parsnips	Mar. to Apr.	18 in.	4 to 6 in.	5 to 7 lbs.	Fall and Winter	18
Peas—Smooth	Feb. to Mar.	2½ to 3 ft.	----------	84 to 112 lbs.	7 weeks	60
Peas—Wrinkled	Apr. to May	2½ to 3 ft.	----------	84 to 112 lbs.	7 to 9 weeks	56
Peas—Canada Field	Feb. to Apr.	Broadcast	Broadcast	90 lbs.	June 15	60
Peas—Cow	May to July	Broadcast	Broadcast	1½ bu.	3 months	60
Pepper—Plants	May 15	30 in.	15 to 18 in.	11,000 to 14,000	2 to 2½ mo.	28
Potatoes—(Early)	Mar. to April	27 in.	10 to 12 in.	8 to 12 bu.	June to July	60
Potatoes—(Late)	July to Aug.	30 in.	15 to 18 in.	8 to 10 bu.	Oct. to Nov.	60
Sweet Potato—Plants	May 15	3 ft.	20 to 24 in.	7,000 to 8,000	Sept. to Winter	45
Pumpkin	May	8 to 10 ft.	8 to 10 ft.	2 lbs.	Fall	24
Radish	Feb. to Aug.	10 to 15 in.	3 in.	8 to 10 lbs.	24 to 40 days	56
Rape	*Feb. to Sept.	Broadcast	Broadcast	6 to 8 lbs.	6 to 8 weeks	56
Rhubarb—Roots	Feb to Apr.	4 ft.	2 to 3 ft.	5,000 to 7,000	Next year	----------
Rye	Aug. to Nov.	Broadcast	Broadcast	1 to 2 bu.	April 20	56
Salsify	Mar. to Apr.	1½ to 2 ft.	3 to 4 in.	6 to 8 lbs.	Fall and Winter	18
Spinach—Early	*Feb. to Sept.	Broadcast	Broadcast	15 to 20 lbs.	8 weeks	48
Squash—Spring	May	4 ft.	3 ft.	3 lbs.	July	26
Squash—Winter	May to June	6 to 8 ft.	6 to 8 ft.	2 lbs.	Fall and Winter	22
Teosinte	May to June	3 to 3½ ft.	8 to 10 in.	3 to 5 lbs.	Aug. to Oct.	46
Tobacco—Plants	May to June	3 to 3½ ft.	2½ to 3 ft.	4,800 to 5,000	Sept. to Oct.	35
Tomato—Plants	May to July	4 ft.	3 to 4 ft.	2,700 to 36,000	July until frost	20
Turnip	*Feb. to Sept.	Broadcast	Broadcast	1½ to 2 lbs.	1½ to 2 mo.	56
Vetch	Aug. to Oct.	Broadcast	Broadcast	50 lbs.	May	50
Wheat	Sept. to Oct.	Broadcast	Broadcast	1 to 1½ bu.	June 20	60

Garden and Farm Calendar

Information Given Here Applies to Louisville and Climate and Location Similar; For Other Sections Allowances Must be Made According as They Are Early or Late. Moon Phases Bases on Central Time.

JANUARY | L. Q. 5 | N. M. 12 | 1st Q. 19 | F. M. 26

Send order for seeds now, while stocks are full, so as to have them on hand as the sowing season comes around. We can ship later if desired. Prepare hot-beds, start in them early Cabbage, Lettuce, Radish, Beet, Cauliflower, Onion and Pansy and some other flower seeds which require transplanting. (See list under Flower Seeds.)

Outdoors—As the weather will permit prepare the ground for later crops. Top-dress Asparagus beds with manure and salt or kainit; mulch Strawberries with straw; prune trees and small bush fruits; haul leaves and compost them with manure. On late snows, Clover and heavy Grass seeds can be sown on wheat or grass fields.

FEBRUARY | L. Q. 4 | N. M. 11 | 1st Q. 17 | F. M. 25

If not already sown start in hot-beds or cold frames early Cabbage, Lettuce, Radish, Beet, Cauliflower, Onion and Flower seeds for transplanting; late in the month. Egg Plants and Peppers. These require warmer beds than the other seeds mentioned.

Outdoors—The last of the month if favorable weather sow early Peas, Spring Kale, Beets, Spinach, Carrots, Celery, Radish and Parsley. Set Onion sets, Horseradish, Asparagus and Rhubarb. Plant trees and bush fruits. Sow Blue Ribbon Evergreen Lawn Grass. Prepare and sow Tobacco beds. Towards the end of the month sow Canada Field Peas with Oats for early hay. Clover and Grass seeds can be sown this month, also Rape for grazing and soiling.

MARCH | L. Q. 5 | N. M. 12 | 1st Q. 19 | F. M. 27

Seeds for early plants can now be started in cold frames or window boxes instead of hot-beds. Tender seeds, such as Egg Plant, Peppers and tender flower seeds, require a little more heat.

Outdoors—The sooner most hardy seeds are in, the better. We name them in the order in which they should be sown. Garden Peas in varieties for succession. Onion, Celery, Spinach, Leek, Parsley, Lettuce, Radish, Beet, Asparagus, Carrot, Parsnip and Salsify. Plant Irish Potatoes, Asparagus, Rhubarb roots and Onion sets if not already done. Set out Cauliflower, Cabbage, Onion and Lettuce plants from hot-beds after these have hardened by leaving the glass open at nights. Sow Herbs in a warm border. Sow Cabbage seed for summer crop. Sow the hardy kinds of flower seeds; also this is the proper month for sowing Lawn Grass.

For the Farm—Winter and Spring Oats, Canada Field Peas, with Oats, Clover seeds, Grass seeds of all sorts. Tobacco seeds, should all be sown quickly. Plant Artichokes for bogs, sow Dwarf Essex Rape.

APRIL | L. Q. 4 | N. M. 10 | 1st Q. 17 | F. M. 26

Seeds that have not previously been put in as recommended in the preceding months can still be sown, except that instead of using hot-beds for hardy sorts of plants, they can now be sown in beds in the open ground. Summer Cabbage, Lettuce and Tomatoes should be sown for succession to follow the earliest sorts; likewise Beets, Radish, Peas. The first planting of Artichokes, Herbs, Corn, Snap Beans and Okra can be made early this month, and Cucumber, Squash, Cantaloupe and Watermelon the latter part, if the weather is favorable; otherwise defer until May. Cabbage, Lettuce, Cauliflower, Onion and Beet plants, which have been started earlier, should be transplanted; also Strawberry plants set, as this is the best month. Sweet Potatoes can be put in hot-beds previously used for Cabbage. Lawn Grass can still be sown and all Clover and Grass seeds. Sow Mangel-Wurzel and Stock Beets. Plant Corn for early crop.

MAY | L. Q. 3 | N. M. 10 | 1st Q. 17 | F. M. 25

This is the month for sowing most tender seeds out of doors, and all other seeds which were not sown previously can still be put in out of doors. If Cucumber, Cantaloupe, Watermelon, and Squash have not been planted, put them in as early as possible. Snap Beans for succession. Lima and Pole Beans, first planting should be made early. Cabbage seed for Fall and Winter use. Set out plants of Tomato, Pepper, Sweet Potatoes and Egg Plant. Continue sowing flower seeds and plant bulbs.

For the Farm—Sugar Beets and Mangel-Wurzel for Winter feeding and stock can still be sown; also all Sorghums, Millet, Fodder Plants, Cow Peas, Soja, Navy and Velvet Beans can be planted. Set out Tobacco plants latter part of the month. Keep down weeds and destroy the first crop of insects effectually.

JUNE | L. Q. 1 | N. M. 8 | 1st Q. 16 | F. M. 24

Set out Cabbage, Tomato, Egg Plant, Pepper and Sweet Potato plants. Sow Tomato for late crop; likewise late Cabbage and Cauliflower for Winter use. Plant Okra, Watermelon, Cantaloupe, Cucumber, Squash and Pumpkin for late use and Snap and Pole Beans and Sweet Corn for succession.

For the Farm—Sow the Millets, Cow Peas, Sorghum, Soja Beans, Navy Beans and plant late Corn. Mangel-Wurzel Beets can yet be sown for stock, but the seed should be soaked twenty-four hours before sowing.

JULY | L. Q. 1 | N. M. 8 | 1st Q. 16 | F. M. 23 | L. Q. 30

Plant Snap Beans for succession and Sugar Corn for late roasting ears. Set out late Cabbage plants for Winter use, likewise Celery Plants. This is the best month to sow Ruta Bagas, and they do best in rows. Plant Cucumbers for pickling and table, and late Potatoes for Winter use.

For the Farm—Sow German or Hungarian Millet for hay or fodder, likewise Corn in drills for ensilage or fodder. Buckwheat can be sown for bees as an improver of the soil and for grain. Plant Navy Beans, Black, Black-eye and Whippoorwill Peas. Sow Crimson Clover at the last working of Corn.

AUGUST | N. M. 6 | 1st Q. 14 | F. M. 22 | L. Q. 28

Continue planting Snap Beans for the table and pickles. If any Cabbage plants remain unplanted, put out at once; likewise Celery plants. Trim off the tops of Celery before planting, if the plants are large. Sow Lettuce seed for fall use; likewise Endive. Sow Spinach and Kale. Finish sowing Ruta Baga seed. All kinds of Turnip seeds can be sown during this month. Crimson Clover is one of the best crops grown, and should be sown on every vacant place where crops have been cleared off; if it is not required for feed, it will improve the soil equal to manure when turned under.

For the Farm—Buckwheat, Rye and Barley should be sown for Fall and Winter grazing, and afterwards will make a crop of grain.

SEPTEMBER | N. M. 5 | 1st Q. 13 | F. M. 20 | L. Q. 26

Our Fall Catalogue issued about August 20th, gives full information about all seeds and bulbs for Fall sowing; mailed free upon request. Sow Lettuce, put out Onion sets, sow Winter Radishes, Spinach, Turnips, Mustard, Corn Salad and Kale. Dutch Bulbs, Hyacinths, Tulips, etc., can be planted toward the end of the month. Sow W., S. & Co.'s Evergreen Lawn Grass; nothing adds more to the attractiveness and beauty of a home than a nicely kept, green lawn.

For the Farm—Sow Crimson Clover this month. Winter Oats will do well sown this month, as they will get well rooted before Winter. Sow all kinds of Grass and Clover seeds and Winter and Sand Vetch. Continue to grow Barley and Rye, as they are useful for Winter grazing as well as for grain.

OCTOBER | N. M. 4 | 1st Q. 13 | F. M. 19 | L. Q. 26

Put out Onion sets. Sow Turnips for salad, Kale, Mustard, Spinach and Lettuce. Sow Lawn Grass seed. Fall seeding does better than Spring seeding. Plant Hyacinths, Tulips, etc. Sow Pansy seed in cold frames for Spring plants.

For the Farm—All kinds of Grass and Clover seeds can be sown this month, but the earlier Clover seed is put in, the better. Sow Wheat, Oats, Rye, Barley, Vetches.

NOVEMBER | N. M. 3 | 1st Q. 11 | F. M. 18 | L. Q. 25

Sow Lettuce and early varieties of Cabbage in cold frames, leaving the glass off at the time to harden them. Set out Cabbage and Lettuce plants. Lawn Grass seed can yet be sown, but the earlier it is put in, the better. All kinds of Flowering Bulbs set out in the Fall can be put in this month.

For the Farm—Wheat, Rye, Barley, Timothy and Red Top seed can yet be sown, but the earlier they are put in the better.

DECEMBER | N. M. 3 | 1st Q. 10 | F. M. 17 | L. Q. 25

The only seeding that can be done this month is in the hot-bed or greenhouse. Cabbage and Lettuce can be sown towards the end of the month, and Beets, Radish and Lettuce can be forced for Winter use. The Winter growing of Lettuce in hot-beds usually proves very profitable and satisfactory.

Acme Brand Fertilizer

While there still exists a scarcity or we would say an absolute lack of Potash Salts from the war zone, nevertheless we have been able to secure other forms of Potash which we can use in making Fertilizers this season. While the analysis is not quite as high as it would be in the original form which we were accustomed to using, still we are able to secure a sufficient quantity of this to supply a small amount of Potash in each of the different analyses, whereas last year we were not able to secure sufficient Potash to make Fertilizers.

We guarantee analyses as stated below and will quote special prices to parties requiring large quantities.

Potato and Tobacco Grower

Price per bag (125 lbs.), $3.25. Per ton, ask for prices.

Guaranteed Analysis.

Ammonia	2 to 3 per cent.
Phosphoric Acid available	8 to 9 per cent.
Potash	1 per cent.

This is the brand of Potato Grower used principally by the market gardeners and potato growers in Jefferson County, which produces an exceptionally large amount of first and second crop.

We think this analysis is made up in proper proportion to yield the highest results for quantity used. For Potatoes we would recommend six to eight hundred pounds per acre. For Tobacco, a small handful in each hill will produce wonderful results.

Special Potato Grower

Price per bag (125 lbs.), $3.50. Per ton, ask for prices.

Guaranteed Analysis.

Ammonia	2½ to 3 per cent.
Phosphoric Acid available	10 to 11 per cent.
Potash	1 per cent.

This analysis is made up for those parties who desire just a little more Ammonia and Phosphoric Acid with the same amount of Potash. Some lands are incomplete in Ammonia and Phosphate and this is made up especially for relieving this condition. It is especially desirable for soils that are heavy clay or those which have been worn out by such crops as Corn and Millet in improper rotation.

High Grade Vegetable Grower

Price per bag (125 lbs.), $3.50. Per ton, ask for prices.

Guaranteed Analysis.

Ammonia	3 to 4 per cent.
Phosphoric Acid available	1 to 10 per cent.
Potash	1 per cent.

This is especially recommended for anyone who desires to grow vegetables for an early market. The analysis is made up in the proper proportion to the plants and will bring them to maturity as early as possible. For Onions, Cabbage and other vegetables this can be used with excellent results.

Soluble Vegetable Manure

Price per bag (125 lbs.), $3.00. Per ton, ask for prices.

Guaranteed Analysis.

Ammonia	2 to 2½ per cent.
Phosphoric Acid available	12 to 12½ per cent.

On soils which are complete in Potash and do not require any, we recommend the use of this Fertilizer. It is cheaper in price than others and can be used to great advantage by market gardeners.

Pulverized Sheep Manure

(Acme Brand)

Every season we have a large demand for Pulverized Sheep Manure. This has been treated for the purpose of destroying all the weeds in it. We especially recommend it for dressing Lawns, Golf Courses and small gardens. It also makes an excellent fertilizer for soaking in water and using the liquid for house plants. It comes in packages nicely packed and the odor is not at all objectionable. It is finely pulverized and ready for application. **5 lbs., 30c; 10 lbs., 50c; 50 lbs., $1.00; 100 lbs., $2.00; 1000 lbs., $17.00; ton, $30.00.**

Nitrate of Soda

(Chilian Salt Petre or Nitrate)

Analysis 15.65% Nitrogen.

This comes in the form of crystals, resembling common salt. It dissolves very quickly and leaches out of the soil rapidly, so that it is of no permanent value as Fertilizer, but is used largely to produce a quick growth, especially in garden crops, bringing them on very rapidly. Used largely to stimulate the growth of grass in the Spring. It can be used as a top dressing for vegetables at the rate of 100 lbs. per acre after they are well started. When used in a small way, one ounce to 8 quarts of water is sufficient. It is a necessary element in the soil and in mixed Fertilizers, is usually supplied in the form of ammonia. It shows results quicker than any other Fertilizer, as it is immediately available and is taken up by the crop at once. Booklet on the use of Nitrate free on request. **Price 15c per lb.; 25 lbs., $2.50; 200 lbs., $16.00; per ton, $110.00. F. O. B. Louisville. Prices subject to change. Special prices quoted on large quantities.**

Blue Ribbon Lawn and Garden Fertilizer

Owing to the many calls for a strictly high-grade Fertilizer suitable for lawns and gardens, we have prepared an exceptionally fine article easy to apply and just the thing for general use, either on ground being prepared for a lawn or as a top dressing for lawns already established, five pounds being sufficient for a space 12 x 20 feet for the latter purpose, or 12 x 15 feet on new ground. Just work it well into the surface with a rake. It can be applied to advantage several times during the season, just before a rain or just before using the hose, and will promote an even, luxuriant growth of grass. It can be used in a similar way as a garden Fertilizer before sowing and to stimulate growth. **Price—5 lbs., 30c; 10 lbs., 50c; 25 lbs., $1.00; 50 lbs., $2.00; 100 lbs., $3.50.**

Extra High Grade Potato Grower

Price per bag (125 lbs.), $3.50. Per ton, ask for prices.

Guaranteed Analysis.

Ammonia	3 to 4 per cent.
Phosphoric Acid available	8 to 9 per cent.
Potash	1 per cent.

We list this analysis and this especially high grade of Potato Grower at the request of some of our friends. Those wanting still more Ammonia, less Phosphoric Acid and the same amount of Potash can purchase this to great advantage. On land which has been treated with Acid Phosphate the previous season, we recommend the use of this Potato Grower. It also runs very high in Ammonia which assists in making a quick growth. Anyone desiring an early crop should use this in preference to the others.

Special Truck Grower

Price per bag (125 lbs.), $3.25. Per ton, ask for prices.

Guaranteed Analysis.

Ammonia	2 to 3 per cent.
Phosphoric Acid available	11 to 11½ per cent.
Potash	½ to 1 per cent.

This is especially desirable for those desiring an early crop on land which does not require a great amount of Potash.

Blood, Bone and Potash

Price per bag (125 lbs.), $3.25. Per ton, ask for prices.

Guaranteed Analysis.

Potash	1½ per cent.
Ammonia	1 to 1½ per cent.
Phosphoric Acid available	9 to 10 per cent.

This Fertilizer is highly available and is taken up by the soil very quickly and immediate results can be obtained by its use on vegetables for early market.

Wheat and Corn Grower

Price per bag (125 lbs.), $3.00. Per ton, ask for prices.

Guaranteed Analysis.

Ammonia	½ per cent.
Phosphoric Acid available	10 to 11½ per cent.
Potash	½ to 1 per cent.

We have gotten up this formula for the special use of Wheat and Corn. The abundance of Phosphoric Acid is very desirable for this purpose. Wheat and Corn require very little Ammonia and very little Potash. The results obtained from this are somewhat slower than either Blood, Bone and Potash or Special Truckers' Fertilizer. Three to four hundred pounds could be used per acre on Corn when drilled; 200 pounds when checked. We would recommend four to five hundred pounds for Wheat.

Pure Raw Bone Meal

Price per bag (125 lbs.), $4.00. Per ton, ask for prices.

Guaranteed Analysis.

Ammonia	4 to 5 per cent.
Phosphoric Acid available	22 to 25 per cent.
Equal to Bone Phosphate	48 to 50 per cent.

This is the finest Pure Raw Bone Meal, made by one of the largest packing houses in the country, of pure untreated green bone. It is in fine mechanical condition, and there is no better on the market. Use 200 to 300 lbs. broadcast.

Insecticides and Fungicides

For Plants, Trees, Etc.

Lime-Sulphur Solution

This is the standard remedy adopted and recommended by practically all of the experiment stations for destroying San Jose and Oyster Shell Scale. It is to be diluted 1 to 10, and sprayed or applied to trees while they are dormant in Fall or Winter. It is also highly recommended as an insecticide and fungicide, killing spores of fungi, and as an insecticide acts as a constant poison for sueking iuscets and mites.

Lime-Sulphur Solution

Is a clear cherry red solutiou free from sediment and cannot clog the nozzles. It is guaranteed to contain 33% of lime and sulphur which will test 32% to 33% Baume. The value of Lime-Sulphur as an insecticide and fungicide is due entirely to the sulphur in combination with lime existing as Poly-Sulphides. Owing to the great care and improved methods of manufacture this Lime Sulphur contains the maximum amount of Sulphur in the Poly-Sulphide form. Practically all of the experiment stations recommend Lime-Sulphur as the best spray for destroying scale insects, and also recommend its use in place of Bordeaux for Summer spray.

Lime-Sulphur Solution is being largely used as a Summer spray now, especially in mixtures with Arsenate of Lead. When used for Summer spray, one pound to 30 gallons of water are about the proportions. **Qt., 25c; ½ gal., 40c; gal., 60c; 5 gals., $2.00; 25 gals., $6.00; bbl. (about 50 gals.), $10.50. Special prices in large lots.**

Paris Green

A strong and effective poison for potato bugs and other leaf-eating insects. Can be applied either dry or in a solution of water; if dry use Leggett's Dry Powder Gun or Beetle Duster (see implements); if diluted use one pound of Green to 100 gallons of water. For tender foliage or trees double the quantity of water. Paris Green acts a little quicker than Arsenate of Lead, but washes off more easily. It is better to use on garden crops or tobacco, and Arsenate of Lead is best for trees. **Paris Green and Bordeaux Mixture** give excellent results on potatoes, the Green killing the bugs and the Bordeaux preventing blight. **Price fluctuates. Present price, ½ lb., 30c; lb., 50c; 5 lbs. at 48c; 100 lbs., about 45c per lb.**

Arsenate of Lead

One of the best and most effective poisonous insecticides for leaf-eating insects and more especially adapted to trees and shrubs, as it adheres to the foliage better, is not so liable to be washed off by rains, and does not burn. We can supply Arsenate of Lead either in paste form to be diluted with water, 3 lbs. to 50 gallous, or in dry form for dusting or dissolving. The dry form is about twice as strong as the paste and sells at higher price. For tender plants use a weaker solution than mentioned above.

Prices Paste Form of Arsenate of Lead—Lb., 30c; 5 lbs., 25c per lb.; 20 lbs., 22c per lb.; 100 lbs. and over, 20c per lb.

Dry Arsenate of Lead—Lb., 45c; 5 lbs., 38c per lb.; 20 lbs., 35c per lb.; 100 lbs., 33c per lb.

Powdered Arsenate of Lead—Lb., 50c; 5 lbs., $2.25; 20 lbs., $8.00. A good substitute for Paris Green. Recommended for destroying Tobacco Worms and Potato Bugs. It is finely powdered and can be used in Leggett's Dry Powder Guns and others of a similar make.

Bordeaux Mixture

For blight, mildew, and all fungous diseases. Can be used alone or in connection with Paris Green or Arsenate of Lead. For hardy foliage such as apple, pear, potato, tomato, egg plant, use 8 to 12 lbs. in 50 gallons of water. For tender foliage such as peach, cherry and cucumber, 6 to 8 lbs. in 50 gallons of water.

Bordeaux Mixture Paste—Per lb., 30c; 5 lbs., $1.10; 10 lbs., $1.90; 20 lbs., $3.75; 100 lbs., $16.00.

Bordeaux Mixture Dry—Per lb., 45c; 5 lbs., $2.00; 50 lbs., $9.00; 100 lbs., $17.00.

Bug Death

A non-poisonous preparation, very effectively used on rose bushes, grape vines, house plants and all shrubs. Sure death to potato, squash and cucumber bugs, currant, gooseberry and tomato worms. It also prevents blight commonly known as rust; used either dry or with water. It is not injurious and can be used freely in the dry form. Apply while the dew is on the plants as the powder adheres better. If used as a wet spray stir thoroughly 12 to 15 lbs. of Bug Death in 3 gallons of water, then pour mixture into 60 gallons of water. For smaller amounts reduce proportionately. **Lb. pkg., 25c; 3-lb. pkg., 60c; 5-lb. pkg., 70c; 12 ½-lb. pkg., $1.40.**

Hammond's Slug Shot

One of the best vegetable insecticides in use. Specially recommended for destroying the Cabbage worm, Potato bug, Tobacco worm and other insects that prey on vegetation. Gardeners need have no fear about applying this, as it is not dangerous to handle like Paris Green, etc. Non-poisonous to human life. **Price—1-lb. canister, 20c; 5-lb. pkg., 40c; 100-lb. lots at 8c per lb.** Pamphlets containing full information mailed free.

Lemon Oil Co.'s Standard Insecticide

The very best remedy for house plants, effectually destroying Green Fly, Red Spider, Scale, Mealy Bug, Mildew, etc. It has no bad odor, is easy to handle, being soluble in water, and can be applied to plants of most delicate foilage without danger. The "Lemon Oil" is a capital wash for dogs; it cures mange, destroys insects, and removes impurities from the hide. Will also destroy lice and insects by spraying in hen pens and poultry houses. Directions for use on each can. **Price—½-qt. tins, 30c; by mail, 40c; pt., 45c; by mail, 65c; qt., 85c; ½ gal., $1.50; gal., $2.40.**

Scalecide

Best spray available for San Jose Scale, non-poisonous. Mix one gallon to 20 gallons of cold water. If applied in the Fall and Winter or early Spring when foilage is off it will destroy successfully all scale. Not mailable. **Qt., 60c; gal., $1.50; 5 gals., $5.75; barrel (50 gals.), $33.00.**

Bisulphide of Carbon

For destroying root lice, ants, underground insects, also borers in trees. The standard remedy for destroying weevil and grain in seed; highly inflammable. For destroying ants and root lice, make a small hole about 6 inches deep and pour in about a teaspoonful and cover quickly, making the hole about six inches from the plants, so as not to injure them. **Lb. cans, 35c; 5 lbs., $1.50.** Not mailable.

Fish Oil Soap

The best and safest remedy for destroying the San Jose Scale and other scale insects, plant lice on vegetables, shrubs, and trees. Kills aphis, thrip, melon lice and bugs, and all insects sucking the juices from plants. This is the best brand made from caustic potash and pure fish oil, quality guaranteed. **1-lb. can, 25c; 5-lb. can, $1.00; 50-lb. case, $4.00; 100-lb. case, $7.50.**

Tobacco Dust

One of the cheapest and most effective remedies for destroying lice and worms on Cabbage, striped bugs on Melons, Cucumbers, and squashes, and other insects. It is best to dust on young plants when the dew is on, as it will stick better. **Lb., 10c; 10 lbs., 50c; 25 lbs., $1.00; 50 lbs., $2.00; 100 lbs., $3.50.**

Nicofume (Tobacco Paper)

For fumigating greenhouses and for hot-bed uses. 24 sheets 18 x 6 to a tin. A strong solution for fumigating, guaranteed under the National Insecticide Act. 8 x 10 sheets will furnish a strong fumigation against green-fly, etc., for an ordinary greenhouse 100 feet long and 20 feet wide. **Price $1.00.**

Sulphur

For Mildew on Roses, Lettuce, and other plants. Also valuable for poultry, insects, etc. **Lb., 15c; 10 lbs., $1.00; 25 lbs., $2.00; 100 lbs., $7.00.**

White Hellebore

A non-poisonous powder for destroying cabbage worms, bugs, and lice on vegetables. **¼ lb., 15c; ½ lb., 20c; lb., 35c.**

Sulphate of Copper

(Blue Stone or Vitriol)

Used in making Bordeaux Mixture in combination with lime, the proportions being 4 lbs. Blue Stone, 4 lbs. Lime, 50 gallons of water. Place the Blue Stone in a canvas sack, immerse in water until it dissolves; dissolve the lime in water, strain and mix. Use quickly as possible after making. **Price lb., 30c; 25 lbs., $5.00; 100 lbs., $16.00.** Prices subject to change.

Semples Branching Aster

BLUE RIBBON Flower Seeds

There are few places where some variety of flowers cannot be grown and certainly, where there is any space at all, one should have flowers. Our list is not an extensive one, but there is a sufficient variety that all can have flowers who will devote a little time and attention to their care, and experience is not necessary to produce many of our most popular varieties. For the beginner we would suggest such kinds as Alyssum, Aster, Calliopsis, Centaurea, Cosmos, Nasturtium, Dianthus, Poppies, Verbenas and Zinnias. These all grow readily from seed, but care should be taken to **keep the ground moist** where they are sown. They, in common with all other seeds, should be sown thinly and **the ground pressed firmly over them,** when they are covered. It is a good plan to sow in rows four inches apart, three-quarters of an inch deep, and then transplant to the permanent garden later. This applies to all the above with exception of Poppies, which will not transplant and can be sown where they are to flower, and to Nasturtiums, which have large seeds and can be sown a couple of inches apart, one and a half inches deep, where they are to flower.

We hear the terms Annual, Perennial, and Biennial used in connection with plants and these indicate their length of life in the garden. Seeds of an Annual plant sown this Spring produce a crop this season and die in the Fall as soon as frost comes. Asters, Cosmos, and Zinnias are common types of Annuals. Seeds of Perennials produce plants this season which, with few exceptions, will not flower this year, but live over to next season, and then flower. Most of them continue to live for a number of years and these constitute our "Hardy Flowers," such as Hollyhocks, Sweet Williams, etc. There are comparatively few Biennials and these are plants which, growing from seed sown this Spring, do not flower this year, but live over until next year, flower, and then die. The Campanula or Canterbury Bell is a well known form. The Foxglove, also, except that if not allowed to ripen seed, the latter will develop a new growth at the root and live over to the second year.

Annuals are designated as **hardy, half-hardy and tender.** All hardy Annuals can be sown at same time Peas and Radishes usually are in the vegetable garden. Half-hardy Annuals may be sown at corn-planting time, or when there is little danger of frost, and tender Annuals should not be sown until the ground is warm and the weather is settled; usually in May.

The abbreviations, A-P-B, indicate the type of plant, Annual, Perennial, or Biennial, respectively, and the letters, H. A., H. H. A., and T. A., indicate Hardy Annual, Half-hardy Annual, and Tender Annual.

Ageratum

An annual plant, growing about a foot high and covered all Summer with close fluffy heads of bloom of a pretty shade of blue. Used largely for edgings and borders of taller-growing plants. H. A. **Pkt., 5c; oz., 40c.**

Alyssum

A wonderfully hardy little plant coming into bloom when only a couple of inches high and flowering all Summer. Grows about six inches high and is fine for edging beds. Very fragrant. H. A.

Carpet of Snow—An exceptionally fine and compact variety. Said to be an improvement on Little Gem. **Pkt., 5c; ¼ oz., 15c; ½ oz., 25c; oz., 45c.**

Little Gem—The finest white variety having large flowers. Very fragrant. **Pkt., 5c; oz., 40c.**

Sweet Alyssum—The regular type, strong grower, free bloomer. **Pkt., 5c; oz., 35c.**

Aquilegia (Columbine)

See also "Hardy Plants"

This is one of our finest hardy perennials, flowering the second year from seed and worthy of a place in every garden. Seed grows readily, but is slow in starting.

Chrysantha—A very hardy, sulphur yellow variety, flowering nearly all Summer. **Pkt., 10c.**

Coerulea—The State flower of Colorado and the finest of all Columbines. The flowers are a combination of blue and white; very large single, with long spurs. **Pkt., 10c.**

Double Mixed—All colors. **Pkt., 5c; oz., 35c.**

Amaranthus

These plants grow two or three feet tall and have ornamental foliage as well as flowers. The seed is very fine but grows readily if kept moist. Can be readily transplanted. Do not cover seed over a quarter of an inch. H. A.

Caudatus (Love Lies Bleeding)—Long drooping sprays of red flowers. **Pkt., 5c.**

Tricolor (Joseph's Coat)—Very fine variegated foliage. **Pkt., 5c.**

Antirrhinum (Snapdragon)

This is a well-known and valuable plant, bearing long spikes of many colored flowers throughout the season. Fine for cutting as well as garden display. A hardy annual, but sometimes lives over to the second year. Seed rather slow to sprout. Better sow in boxes in the house or in hot-bed. **Giant Mixed Pkt., 5c.**

Balloon Vine

A rapid grower with fine white flowers, followed by inflated seed pods resembling small balloons. Height 10 feet. **Pkt., 5c; oz., 20c;**

Balsam Pear

A good climber, with dense foliage and oddly shaped fruit which is claimed to have medicinal qualities when put in alcohol or whisky. Height, 10 feet. **Pkt., 5c; oz., 25c;**

Asters

The most popular of all annual flowers and justly so. Valuable alike for garden decoration or cutting. A hardy annual which should be started early, given rich soil and plenty of water. H. A.

Victoria—A medium early Aster, very free flowering, and double. It has the largest assortment of colors of all Asters. Mixed colors. **Pkt., 10c; ⅛ oz., 40c; oz., $2.00.**

Peony Flowered—A distinct type with in-curved petals and a very fine bloomer. Mixed colors. **Pkt., 10c; ⅛ oz., 35c; oz., $1.25.**

Crego—A large type of Comet Aster with big fluffy flowers quite distinct from other varieties. **White and Pink, each, pkt., 10c; ⅛ oz., 40c; oz., $1.50.**

Semple's Branching—The largest and finest of all Asters, also the latest. A strong grower producing beautiful flowers in late Summer. **White, Lavender, Rose, Pink, Crimson, Azure Blue and Purple, each, 10c per pkt.; ¼ oz., 30c; oz., 85c.** Mixed colors, **5c per pkt.; ¼ oz., 25c; oz., 75c.**

Balsam

Sometimes called "Touch-Me-Not" or "Lady's Slipper." A tender annual growing about eighteen inches tall in the shape of a small tree, and producing all along the branches, showy single and double flowers like small roses. Should be grown in rich soil. T. A.

Double Mixed—Pkt., 5c; oz., 40c.

White Perfection—Very fine double white. **Pkt., 10c; ¼ oz., 20c; oz., 60c.**

Bellis (English Daisy)

A little old-fashioned plant growing about four inches tall and used for edgings; produces very double pink and white flowers in early Summer. Perennial. **Pkt., 5c.**

Daisy (Shasta)—See pages 56 and 71.

Calendula

The old "Pot Marigold." A very hardy annual with double yellow flowers, like double daisies. Blooms all Summer and grows about 15 inches tall. **Pkt., 5c; oz., 20c.**

Calliopsis or Coreopsis

Very hardy and showy annual with bright yellow and reddish brown single daisy-like flowers, easily grown and useful both for garden decoration and cutting.

Mixed Colors.—Pkt., 5c; oz., 15c.

Lanceolata—Very fine perennial with large yellow flowers. **Pkt., 5c; oz., 40c.**

Candytuft

A free-flowering, hardy annual somewhat resembling Alyssum, but larger, with longer heads of bloom, fragrant and easily grown.

Rose Cardinal—A very beautiful deep pink variety; extra fine. **Pkt., 5c; ¼ oz., 15c; ½ oz., 25c; oz., 45c.**

Empress—Very large, white. **Pkt., 5c; oz., 30c.**

Mixed Colors—**Pkt., 5c; oz., 20c.**

Carnation

Always in demand and not hard to grow. Have a delightful clove fragrance. Half-hardy perennials, flowering the second year from seed with exception of the "Marguerite" variety, which will bloom in four months from time of sowing the seed. Should not be planted where water stands in Winter.

Mixed Colors—**Pkt., 5c; ¼ oz., 30c; oz., $1.00.**

Marguerite—All colors. **Pkt., 5c; ¼ oz., 40c.**

Campanula (Canterbury Bells)

An old-fashioned plant, and one of great beauty. Grows about two feet high and flowers in early Summer. Will flower well in the shade. This is a true biennial. Does not flower the first year, and after flowering the second year dies. Colors, white, pink, blue and purple, in fine mixture. **Pkt., 5c; oz., 30c.**

Celosia (Cockscomb)

Hardy annuals producing peculiar heads of bloom rather resembling a cock's comb, hence the name.

Glasgow Prize—The finest of all, producing immense heads of glowing crimson. **Pkt., 10c.**

Centaurea (Corn Flower)

Centaurea (Corn Flower)

There are two types of this plant, one, the "Gymnocarpa" or "Dusty Miller," a plant with silvery gray foliage and largely used for bordering formal beds, and the other, our old-fashioned Bachelor Button or Corn Flower, Centaurea Cyanea, which is a very hardy annual flowering all Summer and useful for cutting. Very easily grown. **Gymnocarpa**—**Pkt., 5c; oz., 50c.**

Cyanea—Mixed Colors. **Pkt., 5c; oz., 50c.**

Cosmos

One of our most satisfactory hardy annuals, flowering in late Summer. Fins for cutting and easily grown. Can be sown anywhere and transplanted. Grows four to six feet high.

Early Flowering Mammoth—This improved variety has flowers fully as large as the later type but begins to flower in July, and from that time on to frost yields a quantity of bloom. **Pkt., 10c; ⅛ oz., 25c; ¼ oz., 45c; ½ oz., 75c; oz., $1.00.**

Early Flowering—Begins to flower in July and lasts until frost. Mixed colors—**Pkt., 5c; oz., 40c.**

Mammoth Perfection—This is a very fine strain producing extra large blossoms and is quite late. We can furnish White, Pink, or Crimson separate at **5c per pkt.; ¼ oz., 20c; oz., 50c. Mixed Colors**—**Pkt., 5c; ½ oz., 20c; oz., 35c**

Mammoth Perfection Cosmos

Coleus

The most popular of all foliage plants. Easily grown from seed, but must be started in a box in the house or hot-bed as the seed is very fine and when sown is scarcely covered, but must be kept moist. Tender annual.

Mixed Colors—**Pkt., 10c.**

Chrysanthemum

Very showy and easily grown, producing single and double flowers of various colors.

Coronarium—A double variety, which flowers over a long period. Blooms about an inch in diameter. Mixed Colors—**5c per pkt.**

Single Mixed—Fine for cutting and make a pretty display in the garden. **Pkt., 5c.**

Cypress Vine

One of the prettiest of our smaller vines, with fine, feathery, dark green foliage and star-shaped scarlet and white flowers. Height, 6 feet. **Pkt., 5c; oz., 45c.**

Digitalis

(Foxglove)—Produces long spikes of pink, light purple and white, tube-shaped flowers. Does well in the shade. A very stately plant, easily grown and should be in every garden. Biennial. **Pkt., 5c; ⅛ oz., 25c.**

Dianthus

Fine little plants with flowers resembling Carnations. Very hardy and usually live over for several years, but bloom freely the first year. One of the easiest flowers to grow.

Chinensis fl. pl.—Double Chinese Pinks. Mixed Colors. **Pkt., 5c; oz., 40c.**

Heddewigii fl. pl.—An especially fine strain with flowers of many colors and very double. **Pkt., 5c; oz., 60c.**

Delphinium

(Larkspur)—Very showy plants producing long spikes of beautiful flowers in various shades of blue. There are both hardy annual and perennial varieties.

Giant Hyacinth Flowered—Hardy annual. All colors. Sow early as ground is in working condition. **Pkt., 5c; ¼ oz., 20c.**

Elatum Hybridum— Perennial, shades of blue. Flowers first year when sown early. **Pkt., 5c; oz., 50c.**

Belladonna—A grand variety, wonderfully free flowering and a fine shade of blue. One of the best. **Pkt., 10c.**

Dolichos

(Hyacinth Bean)—A free growing climber, with heavy foliage and large sprays of white and purple flowers. **Pkt., 5c; oz., 30c.**

Eschscholtzia

(California Poppy)—A hardy, free-flowering annual, growing about fifteen inches high, and producing quantities of single, poppy-shaped blooms in shades of yellow, orange and red. Flowers over a long period. **Pkt., 5c; oz., 30c.**

Perennial Gaillardia

It produces large, single, daisy-shaped flowers in shades of yellow and reddish-brown, with brown centers; fine for cutting. One of the most persistent bloomers there is. Does best in the hottest, dryest location. **Pkt., 10c; 3 pkts. for 25c.**

Globe Amaranthus

(Bachelor's Button)—A popular variety of Everlasting flower, having ball-shaped blooms in many colors. Cut when fully developed and hung head down in a cool, dry place for a few days, they dry nicely and will keep their form and color for many months. H. A. **Pkt., 5c; oz., 40c.**

Kochia

Gourds

Very rapid growers, producing odd and interesting fruit.

Small Varieties Mixed—Pkt., 5c; oz., 25c.
Dipper—Pkt., 5c; oz., 25c.
Dish Cloth—Pkt., 5c; oz., 40c.
Sugar Trough—Pkt., 5c; oz., 40c.

Job's Tears (Coix Lachrymae)

A grass-like annual, producing large, shiny seeds, used for many purposes. **Pkt., 5c; oz., 10c; ¼ lb., 30c.**

Kochia (Summer Cypress)

A remarkable annual producing dense, rounded plants with fine green leaves and growing to a height of three feet. The foliage changes to a reddish shade towards Fall. Fine for a hedge or to outline the garden. **Pkt., 5c.**

Mirabalis (Marvel of Peru)

The well-known **Four O'Clock**. Grows freely and flowers quickly from seed. Blooms from late afternoon on through the night. Very fragrant. Roots can be taken up and stored like dahlias, but seed is very cheap and starts readily. **Mixed Colors— Pkt., 5c; oz., 15c.**

Marigold

One of the easiest grown annuals, furnishing all Summer long quantities of double and single flowers in shades of yellow and orange—some being striped with brown.

French Gold-Striped—Pkt., 5c; oz., 30c.
Eldorado Yellow—Pkt., 5c; oz., 30c.

Moon Flower

(Evening Glory)—A rapid grower, climbing some 20 feet in a season and producing large waxy white flowers, similar to Morning Glories, 4 to 6 inches across. Very fragrant and opening about 7 o'clock in the evening. **The seed is very hard and the shell should be chipped or filed until the white seed shows through and then soaked in warm water for half a day before sowing.** Best sown in the house and planted out when ground is warm. **Pkt., 10c; oz., 50c.**

Morning Glory

Imperial Japanese—Very pretty foliage and a great variety of colors in the bloom. Very useful as a screen. Sow in a sunny location and give plenty of water. **Pkt., 10c; oz., 30c.**

Common Morning Glory (Convolvulus Major)—All colors, finely mixed. Very popular. **Pkt., 5c; oz., 10c; ¼ lb., 30c.**

Nicotiana

A very popular plant, with fragrant, white, star-shaped flowers. Sometimes called Flowering Tobacco. **Pkt., 5c; ⅛ oz., 75c.**

Sanderi Hybrids—This is an improved type with many delicate shades of color. **Pkt., 10c; ⅛ oz., $1.00.**

Heliotrope

Always popular on account of its delightful fragrance. The seed is rather slow in starting and had best be sown in boxes or in a hot-bed. While it is a perennial, it will not stand any frost and is therefore started afresh each year unless one cares to remove the plants to the house before frost comes. Can be started from cuttings.

Mixed Colors—Pkt., 5c; ¼ oz., 40c.
Lemoine's Giant—A fancy strain with large flowers; fine. **Pkt., 10c.**

Hollyhock

A very popular hardy perennial grown everywhere and valuable for a background.

Chater's Double Mixed—Pkt., 10c; 3 pkts., 25c.
Allegheny Single Mixed—5c per pkt.
Choice Mixed—All varieties. **Pkt., 5c.**

Hunnemania

A plant resembling California Poppy but a much larger grower, produces large yellow flowers over a long period. **Pkt., 5c; ⅛ oz., 35c.**

Dianthus

Pansy

Nasturtium

One of the most popular of all annuals as every one can grow it. Sow anywhere, except in the shade. No ground is too poor to grow it. It is fine for cutting. The tall or trailing variety is a useful plant for trailing over walls or stumps, also for porch boxes or hanging-baskets. The dwarf variety forms compact bushes. Both flower all Summer.

Tall Varieties

Coquette—A fancy strain of large flowered Nasturtiums, quite distinct from the ordinary varieties. Pkt., 5c; oz., 15c.

Moonlight—Light straw-yellow; very large and fine flowering. Pkt., 5c; oz., 15c.

Von Moltke—Large flowers, rich rosy red shading to rosy pink. Pkt., 5c; oz., 15c.

Fulgens—A fine red. Pkt., 5c; oz., 15c.

Yellow—A large flowered, clear yellow variety. Pkt., 5c; oz., 15c.

Rose—A pretty shade of rose. Pkt., 5c; oz., 15c.

California Giants—Fine assortment of large flowered Nasturtiums. Pkt., 5c; oz., 15c.

Blue Ribbon Mixed

A grand mixture of all the above and everything really good in tall Nasturtiums. Pkt., 5c; oz., 15c; ¼ lb., 50c.

Mixed—Good mixture of the ordinary varieties. Pkt., 5c; oz., 10c; ¼ lb., 35c.

Dwarf Varieties

Empress of India—Has very dark reddish green foliage, with deep crimson flowers. Pkt., 5c; oz., 15c.

Rose—A pretty shade of salmon rose. Pkt., 5c; oz., 15c; ¼ lb., 35c.

Golden King—Fine orange-yellow flowers with dark purplish flowers. Pkt., 5c; oz., 15c.

Golden Queen—The foliage of this variety is a very light yellowish-green and the flowers a clear golden-yellow. Pkt., 5c; oz., 15c.

Cloth of Gold—Has golden-yellow leaves and bright scarlet flowers. Pkt., 5c; oz., 15c.

Vesuvius—A fine large flowered variety with beautiful blooms of a salmon-pink shade. Pkt., 5c; oz., 15c.

Chamelion—An odd and very interesting strain, producing flowers of several colors and varied markings on one plant. Pkt., 5c; oz., 15c.

Pearl—A very pale yellow. Pkt., 5c; oz., 15c.

Fine Mixed—A good strain of many colors. Pkt., 5c; oz., 15c; ¼ lb., 35c.

Blue Ribbon Mixed

A very fancy mixture of all the above, together with many other varieties. Pkt., 5c; oz., 15c; ¼ lb., 50c.

Nasturtium

Petunia—Giants of California

Mignonette

Everybody grows it on account of its delightful fragrance. A very hardy annual and should be sown soon as the ground can be worked. Does not transplant and should be thinned to stand six inches apart.

Sweet—The common variety. Pkt., 5c; ½ oz., 10c; oz., 15c.

Machet—A very choice large flowered type. Pkt., 10c; oz., 40c.

Petunia

One of our finest bedding plants, blooming constantly from June until frost. H. A.

Giants of California—A grand strain of very large flowered Petunias in many colors—very fine. Pkt., 15c.

Mixed Colors—The regular type of Petunias in assorted colors. Pkt., 5; ¼ oz., 20c; oz., 75c.

Pansy

These are so easily grown and flower so freely that they are used by all. Can be sown early in the Spring or in September. Plants from the later sowings live over and flower early in the Spring. They require rich soil and quantities of water to do their best.

Wood, Stubbs & Co.'s Imperial—A very fancy strain; all colors. Pkt., 10c; ⅛ oz., $1.50; oz., $7.50.

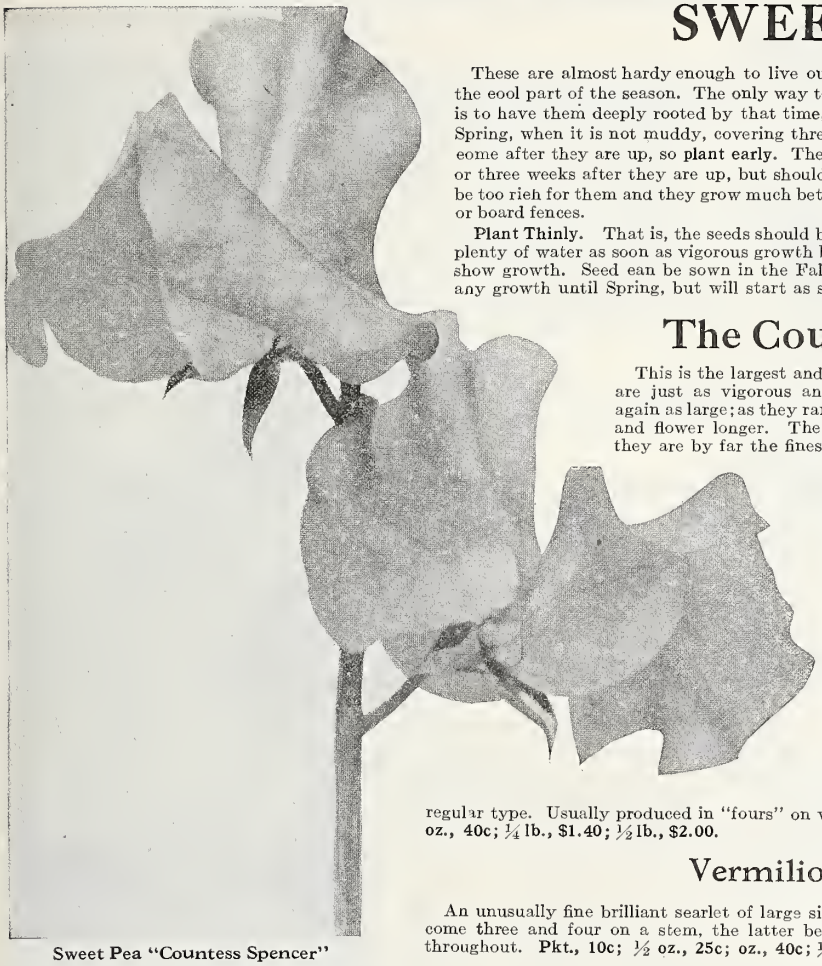
Large Flowering Mixed—Many standard varieties. Pkt., 5c; ¼ oz., 50c.

Phlox Drummondii

A hardy annual with a greater range of colors than almost any other flower, and no other surpasses it in freedom of bloom. Transplants readily and as the seed is rather slow in starting, it pays to start it in a hot-bed or box in the house.

Large Flowering Mixed—Pkt., 5c; ¼ oz., 20c; oz., 60c.

SWEET PEAS



Sweet Pea "Countess Spencer"

These are almost hardy enough to live out over Winter and they make their best growth in the eool part of the season. The only way to have them last at all, once the hot weather eomes, is to have them deeply rooted by that time, so plant as soon as you can stir the ground in the Spring, when it is not muddy, covering three inches. The frost will not hurt them if it should eome after they are up, so **plant early.** They do not make much growth above ground for two or three weeks after they are up, but should be cultivated regularly. The ground can scarcely be too rieh for them and they grow much better when well away from walls, the side of the house or board fences.

Plant Thinly. That is, the seeds should be at least an inch apart, two inches is better. Give plenty of water as soon as vigorous growth begins. Give the vines support just as soon as they show growth. Seed ean be sown in the Fall, November being a good time. It will not make any growth until Spring, but will start as soon as the frost is out.

The Countess Spencer Type

This is the largest and finest type of Sweet Peas in existence. The plants are just as vigorous and hardy as the ordinary kinds; the flowers half again as large; as they rarely seed in this country, the vines are not weakened and flower longer. The colors are just as varied and taken all together, they are by far the finest of all.

Fiery Cross

This is considered the finest scarlet in existence, of perfect Speneer type and a wonderfully brilliant color. **Pkt., 15e; ⅛ oz., 20c; ¼ oz., 35c; oz., 50c.**

Royal Purple

Another extra large Spencer, eonsidered one of the best of all. The color is a rich rosy purple. A very strong grower and fine in every way. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., $1.40; ½ lb., $2.00.**

King White

A mammoth flower of snowy whiteness. As far ahead of White Spencer as the latter is of the regular type. Usually produced in "fours" on very long stems. **Pkt., 10c; ¼ oz., 15c; ½ oz., 25c; oz., 40c; ¼ lb., $1.40; ½ lb., $2.00.**

Vermilion Brilliant

An unusually fine brilliant searlet of large size, whieh does not bleach in the sun. The flowers come three and four on a stem, the latter being very long and the flowers being a pure searlet throughout. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., $1.40; ½ lb., $2.00.**

Grandiflora Type

These were the best until the Spencer type was introduced. They are very fine and largely used.

Blanche Burpee—A fine white, free flowering.
Dorothy Eckford—The best white of this type. Very fine.
Emily Henderson—A popular white Pea; strong grower.
Mrs. Eckford—Creamy yellow.
Mrs. E. Kenyon—Very large, eream color.
Triumph—Large, white shaded with pink.
Apple Blossom—White flushed with deep pink.
Dainty—A beauty, white with light pink edge.
Katherine Tracy—Very delieate shell pink.
Venus—Buff shaded with light pink.
Blanche Ferry—The standard "pink and white" variety.
Extra Early Blanche Verry—Same as above; much earlier.
Prima Donna—Very fine, deep pink.
Janet Scott—Clear Rose, shaded lighter at edge of petals.
Celestial—A delicate lavender blue.
Admiration—Rosy lavender.
Flora Norton—The finest pure lavender.
Lady Grisel Hamilton—One of the popular lavender varieties.
Emily Eckford—Rosy heliotrope shaded with deep purple.
Navy Blue—The finest deep blue.
Captain of the Blues—Lighter eolor than the above.
Miss Willmott—Very large, salmon pink.
Prince of Wales—Deep rosy carmine.
Othello—Dark maroon.
King Edward—Very fine deep red.
Queen Alexandra—A brilliant searlet of fine form and size.
Mrs. Walter Wright—One of the rarer eolors being a pinkish eream, changing to mauve when fully out.
Agnes Eckford—A beautiful light pink.
Aurora—The entire flower is flaked with salmon on a ereamy-white ground.
Lord Nelson—A deeper shade of purple than "navy blue."

Any of the above, pkt., 5c; oz., 10e; 2 oz., 20c; ¼ lb., 35c; lb., $1.25; postpaid.

Wood, Stubbs & Co.'s Special Mixed

All the above and many others; very fine.
Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., $1.25; postpaid.

Margaret Atlee

A new shade of Pink unlike any other variety, being a glowing pink on a eream ground. The flower is of true Spencer size and form and the plants so vigorous that many "duplex" or double flowers are produeed. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., $1.40; ½ lb., $2.00.**

Wedgewood

This, as its name suggests, is a beautiful shade of light blue and far and away ahead of all other varieties of its eolor. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., $1.40; ½ lb., $2.00.**

General List of Spencer Varieties

Astha Ohn—A grand lavender variety.
Apple Blossom—A very pretty apple blossom pink.
Captain of the Blues—Combination of light and dark purple.
Countess Spencer—An immense shell pink. The most popular of all.
Florence Morse—Similar to Countess Spencer exeept that the edges of the flower are a very light pink.
King Edward—Very large, deep red.
Mrs. Cuthbertson—An improved Apple Blossom; a bi-color, having rose pink standard with pure white wings; very large and fine.
Mrs. Hugh Dickson—Very large flowers of a rieh pink color shaded with aprieot.
Mrs. Routzan—Buff shaded with pink.
Othello—Maroon.
Primrose Spencer—Pale yellow.
White Spencer—A beauty; snowy white and very large.

PRICES—Any of the above, pkt., 10e; oz., 25c; ¼ lb., 75c; lb., $2.00, postpaid.

Spencer Mixed

A very fine assortment of colors; the above and many others. **Pkt., 10e; oz., 20e; ¼ lb., 60e; lb., $2.00; postpaid.**

Salvia or Scarlet Sage

Poppies

Very hardy, and can be sown as early in the Spring as the ground is in working order, the annual varieties flowering from June on for some weeks. The perennial Oriental Poppy does not flower from seed the first year.

Tulip—Large, bright scarlet, single flowers. Very showy. **Pkt., 10c.**

Shirley—The very finest strain of single Poppies. All colors from white to deep scarlet. **Pkt., 5c; ½ oz., 20c; oz., 40c.**

Cardinal—A double variety, which, as its name indicates, is a bright red. **Pkt., 5c; ½ oz., 15c; oz., 30c.**

Peony Flowered—Very double and fine. All colors. **Pkt., 5c; ½ oz., 15c; oz., 30c.**

Oriental—This is extremely hardy and once established lasts for years. It produces immense scarlet single flowers four inches across and flowers in early Summer. Sow the seed thinly, early in the Spring, and leave the plants until September before moving them to the permanent garden. **Pkt., 5c; ⅛ oz., 20c.**

Salpiglossis

Emperor—A beautiful and easily grown annual producing velvety looking flowers in many colors. Somewhat the shape of Petunias. **Pkt., 10c; ⅛ oz., 30c.**

Portulaca

Select the hottest, sunniest place for this little plant. Sometimes called "Rose Moss." Forms masses of delicate green foliage covered with bright colored flowers somewhat resembling small roses.

Single Mixed—Pkt., 5c; ¼ oz., 25c. Double Mixed—Fine. Pkt., 10c.

Ricinus (Castor Oil Bean)

An annual plant making a rank growth in one season, frequently to the height of six or eight feet, with immense leaves. Fine for the center of foliage beds or as a screen. Can be started in the house and set out as soon as danger of frost is over

Zanzibariensis—Grows to an immense size with beautiful coloring. **Pkt., 5c; oz., 15c.**

Mixed Varieties—Many kinds. **Pkt., 5c; oz., 10c.**

Salvia (Scarlet Sage)

This plant ranks with the geraniums as a bedding plant and is easily raised from seed. Long sprays of brilliant scarlet flowers in late Summer. **Pkt., 10c; ¼ oz., 40c; oz., $1.25.**

Scabiosa (Mourning Bride)

A very showy annual, fine for cutting and furnishing quantities of very bright blossoms all Summer long in a variety of colors. Very easy to grow. **Pkt., 5c; ½ oz., 15c.**

Shasta Daisy

A large, white, single Daisy, grand for cutting and for garden decoration. **Pkt., 10c; ⅛ oz., 25c.**

Stock (Ten Weeks)

An annual, used largely for bedding purposes, and grown in pots for Spring flowers. Has long spikes of bloom. White, pink, and crimson; single and double. Very fragrant.

Princess Alice or Cut and Come Again—An improved strain, a large percentage being very double and flowering over a long period. **Pkt., 10c; ⅛ oz., 50c.**

Dwarf German Mixed—Pkt., 5c; ¼ oz., 25c.

Sweet William

Old-time hardy perennials with dense heads of many colored flowers. Very showy and satisfactory. Easily grown.

Single and Double Mixed—Pkt., 5c; ½ oz., 25c.

Sunflower

Very hardy annual plants; grown everywhere.

Stella—Grows about four feet tall and is covered with small, single flowers. **Pkt., 5c; oz., 30c.**

Double California—Handsome, extremely double flowers. **Pkt., 5c; ½ oz., 10c.**

Chrysanthemum Flowered—A fine variety, double and of vigorous growth. **Pkt., 5c; ½ oz., 10c.**

Verbena

No more attractive low-growing or trailing plants can be had. Their bright flowers and long season of bloom make them most popular. Seed starts slowly.

New Mammoth—Very large flowers. Fine mixed. **Pkt., 10c; ¼ oz., 30c; oz., $1.00.**

Separate Colors of Above—White, Pink, Scarlet and Purple. Each, **Pkt., 10c; ¼ oz., 30c; oz., $1.00**

Fine Mixed—Pkt., 5c; ¼ oz., 25c; oz., 75c.

Zinnia

A most persistent bloomer and wonderfully satisfactory annual which can be grown by every one.

Giant Mixed—Pkt., 10c; 3 for 25c.

Scabiosa

Gladiolus

Gladiolus

This is a flower which has as great variation in color as the Pansy; is fine for garden decoration and no flower is as satisfactory for cutting, for, if cut when first flower opens and kept in fresh water, every bud will open and this extends over a week or so. Plant the bulbs 4 to 6 inches deep and 6 inches apart from April 1st to May 15th, in this locality. They will not flower in the shade, but are not particular as to soil, of course, the richer the better, but do not use fresh manure in the ground. When cutting the flower spike, it can be cut down to within three full leaves of the ground without harming the development of the bulb. About the middle of October, dig the bulbs, cut the stems off about two inches above the bulb, shake off the soil and dry for a couple of weeks in a place free from frost. At the end of this time both stem and old root can be rubbed off, leaving the bulbs clean. They can then be stored in paper sacks or shallow boxes until Spring.

America

The most popular Gladiolus grown today. A delicate lavender-pink, vary large flower with perfect spike. **5c each; 50c per dozen; 50 for $1.50; postpaid.**

Mrs. Francis King

One of the largest and certainly the most vigorous of all. Grows to a height of four feet, with immense spikes of light scarlet flowers. **5c each; 50c per dozen; 50 for $1.50; postpaid.**

Blue Ribbon Mixed

This is an exceptionally fine mixture, giving all colors found in Gladiolus; away above the commercial mixtures usually offered. Should be planted in quantity. **30c per doz.; 50 for $1.00; 100 for $1.75; postpaid.**

Our Gladiolus Special

It is not generally known that small bulbs of Gladiolus, one-half or three-quarters of an inch in diameter, will nearly always flower if planted early. This is the case, however, and in order to interest all in the growing of this most satisfactory bulb we offer the following beautiful named varieties which can be bought at very low prices in the above sizes.

War—A new blood red variety. Extra fine. **25c per doz.; 50 for 75c; postpaid.**

Lily Lehman—An early almost white variety of large size and beautiful form. **20c per doz.; 50 for 60c; postpaid.**

Peace—The best of the whites, a fine stem and flower. **25c per doz.; 50 for 75c; postpaid.**

Schwaben—The finest yellow we have grown. You will want this one. **25c per doz.; 50 for 75c; postpaid.**

Baron Hulot—A deep purplish blue. Very early. **25c per doz.; 50 for 75c; postpaid.**

Plant these bulbs three inches deep as soon as the ground can be worked and keep well watered. You will be delighted with the results.

Excelsior Pearl Tuberose

Cannas

We supply Dry Roots in fine condition, which can be shipped any time up to April 1st.

King Humbert—There are probably more plants of this variety sold each year than of any half dozen others. It is a dark bronze-leaved variety, producing immense flowers of a brilliant orange-scarlet color. It is the best dark-leaved Canna ever produced. Price—**15c each; $1.50 per doz.; postpaid.**

Mrs. A. F. Conard—A beautiful salmon-pink of very large size and fine form. A grand bloomer. **20c each; $2.00 per doz.; postpaid.**

Richard Wallace—A fine variety with green foliage and large canary-yellow flowers. **15c each; $1.25 per doz.; postpaid.**

Louisiana—Vivid scarlet flowers and green foliage; a beauty. **15c each; $1.25 per doz.; postpaid.**

Caladiums (Elephant Ears)

One of the finest foliage plants grown and can be used as single specimens, in groups, as a border to divide lawn from garden, or as a border for taller growing plants in formal beds. This year we have bulbs of very high quality and in three sizes. The first size is immense and will produce plants of exceptional vigor.

Price—First Size—12 to 14 inches in circumference, 40c each, postpaid; 30c each, $3.00 per doz., by express at purchaser's expense. Second Size—11 to 12 inches in circumference, 25c each, postpaid; 20c each, $1.75 per doz., by express at purchaser's expense. Third Size— 9 to 11 inches in circumference, 20c each, postpaid; 15c each, $1.25 per doz., by express at purchaser's expense.

Tuberoses

We only offer the "Excelsior Pearl," which is the finest of all, producing a close spike of fine double flowers. The ground cannot be too rich, and they may be placed in the hottest place in the garden and given an abundance of water. They require rather a long season and if they can be potted up, one bulb in a 4-inch pot, and started into growth a month before the season for planting out, better success will be had in flowering them. Large bulbs, **5c each; 35c per dozen; $2.00 per 100; postpaid.**

DAHLIAS

We are not offering any collections of Dahlias this year but have reduced our prices to such an extent that everyone can have the finest varieties and purchase freely. We do not believe you can purchase such Dahlias anywhere else at these low prices and hope all will take advantage of this opportunity.

Cactus Dahlia—Countess of Lonsdale

Peony Flowered Dahlias

Geisha—A very large and showy flower, being scarlet splashed with golden-yellow. Wonderfully popular. 35c each; $3.50 per doz.; postpaid.

Marie Studholme—A delicate mauve pink with twisted petals. Flowers semi-double. A beauty in form and color. 20c each; $2.00 per doz.; postpaid.

Cecilia—A grand flower of creamy white color. 25c each; $2.50 per doz.; postpaid.

Caesar—Large flowers of a rich shade of canary yellow. Good grower. 15c each; $1.50 per doz.; postpaid.

Dr. Perry—A rich, velvet crimson. An immense flower much like "Geisha" in form. 40c each; $4.00 per doz.; postpaid.

Queen Wilhelmina—Snowy white, of large size on long stems and very free flowering. 15c each; $1.50 per doz.; postpaid.

P. W. Jansen—A rosy salmon overlaid with yellow. Flowers produced on long stems. 30c each; $3.50 per doz.; postpaid.

Show and Decorative Dahlias

Jeanne Charmet—A delicate shade of lilac pink, and very large; the flowers frequently measuring 7 inches across with stems 18 to 24 inches long. 15c each; $1.50 per doz.; postpaid.

Mme. Victor Vassier—An extra fine sulphur-yellow Dahlia. One of the best. 15c each; $1.50 per doz.; postpaid.

Le Grand Manitou—The largest and best fancy decorative Dahlia grown. A pure white striped and splashed with violet-purple. Extra fine. 35c each; $3.50 per doz.; postpaid.

Delice—A splendid variety and very generally grown. It is a bright pink of perfect form and largely grown for cut flowers. 15c each; $1.50 per doz.; postpaid.

Souv. de Gustav Doazon—A flower frequently measuring eight inches in diameter, of a bright orange-red color; always reliable and grown in immense quantities. 15c each; $1.50 per doz.; postpaid.

Purple Manitou—Identical in form and size with LeGrand Manitou but the flowers are a rich, deep purple. 15c each; $1.50 per doz.; postpaid.

Minos—A deep velvety maroon—large and produced on fine long stems. 15c each; $1.50 per dozen; postpaid.

Mina Burgle—A new variety of exceptional size and beauty. The stems are long and the flowers are a glowing scarlet in color. 25c each; $2.50 per doz.; postpaid.

Queen Victoria—Exceptionally free flowering and fine for cutting. Pale canary-yellow. 15c each; $1.50 per doz.

Giant Dahlias

Amerieau Beauty—A seedling of the big yellow "Le Colosse," identieal exeept in color, which is a beautiful wine erimson. 20c each; $2.00 per doz.; postpaid.

Dreer's White—A grand flower of perfect form and snowy white color; good grower and free bloomer. 20c each; $2.00 per doz.; postpaid.

Mrs. Roosevelt—Very delicate light pink flower of beautiful form and large size, borne on long wiry stems. 20c each; $2.00 per doz.; postpaid.

Reggie—A big flower of beautiful cherry-red color, borne on long stems well above the foliage. 15c each; $1.50 per doz.; postpaid.

Rose—A very deep rose-colored flower, borne on long stems very large and exceptionally free flowering. 15c each; $1.50 per doz.; postpaid.

Yellow Colosse—A mammoth flower; golden-yellow; borne on long stems and very free flowering. 15c each; $1.50 per doz.; postpaid.

Cactus Dahlias

Countess of Lonsdale—Not a new variety but one of the best of all. A deep salmon color and free flowering. 15c each; $1.50 per doz.; postpaid.

Goliath—A very distinct flower with broad petals. Yellow flushed with salmon. 15c each; $1.50 per doz.; postpaid.

Perle de Lyon—A pure white Cactus of fine form. 15c each; $1.50 per doz.; postpaid.

J. H. Jackson—A good all-round Dahlia of beautiful deep maroon color, almost black. 15c each; $1.50 per doz.; postpaid.

Mrs. de Luca—Golden-yellow tipped with orange. Early and free flowering. 15c each; $1.50 per doz.; postpaid.

Reine Cayeux—A wonderfully free flowering Cactus. Very early and fine in every way. Deep red. 15c each; $1.50 per doz.; postpaid.

Ruth Forbes—A massive clear pink flower on extremely long stems. 15c each; $1.50 per doz.; postpaid.

Winsome—A pure, creamy white. Beautiful. 15c each; $1.50 per doz.; postpaid.

Genista—Finely shaped flowers of a deep orange color on long stems. 15c each; $1.50 per doz.; postpaid.

Peony Dahlia

Everblooming or Monthly Roses

All our roses are extra fancy 2-year budded stock, field grown, and should give quantities of flowers the first season of planting. Be sure and set the plants in the ground deep enough to cover the joint where budded and set very firmly, watering well soon as planted. Do not plant in a shady place and expect flowers.

List of Varieties

Edward Mawley

This is considered the finest red hybrid tea ever sent out. It is truly perpetual flowering and produces a beautiful bud. We had this rose in bloom in early June and the bushes were still putting forth new buds and flowers when hard frost came. **Strong field-grown 2-year bushes, 40c each; $4.00 per dozen; postpaid.**

Frau Karl Druschki

Sometimes called "White American Beauty." It is a better rose than American Beauty, and the only truly white rose we have. It produces most beautiful buds, flowers freely in June and at intervals during the season, usually giving a good crop of flowers as the cool weather comes on. The flowers are always large, on good stems, and are fragrant. There is no finer rose than this. **Strong 2-year field-grown bushes, 40c each; $4.00 per dozen; postpaid.**

Mamon Cochet

The best tea or everblooming rose that has ever been introduced for garden culture. It is a clear rose in color, delightfully tea-scented, very double and a constant bloomer, doing especially well in the Fall. It will produce more flowers in a season than any other garden rose. The plants never get very large. **Strong 2-year field-grown plants, 40c each; $3.00 per dozen; postpaid.**

Mrs. Aaron Ward

We believe this is the most popular rose sold today, great quantities of it being sold by every florist, while its value as a garden rose has been quickly recognized and every one is growing it. It is distinct in growth and flower. The foliage is dark and glossy and the petals of the flower pointed in a peculiar manner, adding to its beauty; but its color is its greatest attraction—bright copper, shaded with pink. It is very double and is beautiful in bud form or when fully out. **Strong 2-year field-grown plants, 40c each; $4.00 per dozen; postpaid.**

Jonkheer J. L. Mock

One of the finest introductions of recent years and the strongest grower amongst hybrid teas. It produces grand stems, each of which carries a large pointed flower of a beautiful shade of pink quite distinct from all other varieties. It is a splendid garden rose and has been awarded prizes wherever shown. **Strong 2-year field-grown plants, 40c each; $3.50 per dozen; postpaid.**

Paul Neyron

Not a new variety, but one of great merit. Produces immense flowers of pure rose pink color, and fragrant. A hybrid perpetual of strong growth, and a most satisfactory rose. **Strong 2-year field-grown bushes, 40c each; $3.50 per dozen; postpaid.**

Sunburst

This rose has taken first place as the best yellow hybrid tea. It is a real yellow, and a stronger grower than any other rose of its color, producing beautiful pointed buds on fine stems throughout the season. A first-class garden rose. **Fine 2-year-old plants, 40c each; $5.00 per dozen; postpaid.**

Madam Segond Weber

This is a beauty. The buds are long and pointed, of a rosy salmon color and open into very large blooms. It is a grand garden rose, as it is a good grower and the texture of the flowers is very thick and waxy. One of the good roses of recent introduction. **Strong 2-year field-grown plants, 40c each; $4.00 per dozen; postpaid.**

White Mamon Cochet

Exactly like the regular pink Cochet, except in color, which is a delicate creamy white, occasionally flushed with pink. We cannot praise this type of rose too highly. It lacks none of the qualities which go to make up a first class garden rose. **Strong 2-year field-grown plants, 40c each; $3.00 per dozen; postpaid.**

Antoine Revoire

A grand hybrid tea, fine for outdoors, being a good grower and flowering freely all Summer, producing fine buds and large very double flowers of different form from other varieties. The color is very delicate, being a light buff, shaded with pink. A beauty. **Strong 2-year field-grown bushes, 40c each; $3.50 per dozen; postpaid.**

Radiance

An extra fine bedding variety, wonderfully free flowering, producing its deep rose-colored flowers throughout the season. **40c each; $3.50 per dozen; postpaid.**

Mme. Ed. Herriot

A remarkable color, being a coral red shaded with yellow. A good grower and free bloomer. **40c each; $4.00 per dozen; postpaid.**

American Beauty

A variety which hardly needs any description, as it is so well known. Not a monthly rose, but flowers at intervals throughout the season. No rose is quite so fragrant as this one, and none so lasting when cut. A deep pink of large size and a strong grower. **Strong 2-year bushes, 40c each; $3.50 per dozen; postpaid.**

Lady Alice Stanley

An exceptionally strong grower, the large flowers of a beautiful cora pink shade are produced on stiff stems, making them very desirable for cut flowers. **50c each; $5.00 per dozen; postpaid.**

Duchess of Wellington

Flower of Killarney type, deep sulphur yellow, and fragrant. A splendid grower and in great demand. **50c each; $5.00 per dozen; postpaid.**

Harry Kirk

A fragrant, free flowering, sulphur-yellow tea rose. Produces a beautiful flower, and plant is unusually vigorous for a Tea Rose. **50c each; $5.00 per dozen; postpaid.**

Willowmere

An improvement on the Lyon Rose which it resembles to some extent, but is of much better growth. It produces a beautifully formed flower of Shrimp pink color. **50c each; $5.00 per dozen; postpaid.**

Old Gold

A semi-double rose of old gold and apricot color with rich dark green foliage. The flowers are delightfully fragrant and are produced freely. **50c each; $5.00 per dozen; postpaid.**

Irish Fireflame

One of the novelties. A glorious color when first opening, a combination of orange and gold. The flower is single, very fragrant and freely produced. **50c each; $5.00 per dozen; postpaid.**

Lady Ursula

A beautiful shade of flesh pink, a flower of fine form and substance, and a very free bloomer. **50c each; $5.00 per dozen; postpaid.**

Lady Ashtown

A grand garden rose of large size, a constant bloomer producing its rose pink blooms throughout the season. **50c each; $5.00 per dozen; postpaid.**

Mrs. Geo. Shawyer

A bright peach pink on long stems which are produced freely throughout the season. **40c each; $4.00 per dozen; postpaid**

Mrs. Chas. Russell

This has become very popular in the short time it has been on the market. It produces rose pink blooms of large size on extra long stems. **40c each; $4.00 per dozen; postpaid.**

W. R. Smith

A very vigorous plant and grand for late Summer and Fall blooming, a good double flower of great substance. Light pink. **40c each; $4.00 per dozen; postpaid.**

Double White Killarney

Known everywhere as one of the freest bloomers and a grand garden rose. **40c each; $4.00 per dozen; postpaid.**

My Maryland

A first class rose in every respect, a deep rose pink. A wonderful bloomer and very fragrant. **40c each; $4.00 per dozen; postpaid.**

Dorothy Page Roberts

A coppery pink tinged with yellow. One of the newer ones and a beauty. **50c each; $5.00 per dozen; postpaid.**

A Hedge of California Privet

Our Nursery Catalog

Space will not permit of our listing our Nursery Stock. If in need of Fruit Trees, Grape Vines, Shrubs of all kinds, Hardy Flowers, Evergreens, Etc., ask for Nursery Catalog. Sent free.

California Privet for Hedges

We have it this year finer than ever. Very heavy bushy stock. **2 feet, $3.00 per 100; 3 feet, $4.00 per 100; 4 feet, $5.00 per 100.**

Flowering Shrubs

Philadelphus (Mock Orange)

Very well known as Syringa or Mock Orange on account of the flowers resembling orange blossoms. It will grow well in the shade, although it does best in full sunlight. **2 to 3 feet, 30c each; $3.00 per dozen.**

Spiraea Van Houttei

Used more largely than any other shrub. Absolutely hardy everywhere and never fails to flower. The entire shrub is covered in early Summer with long sprays of white bloom. The natural growth of the shrub is very graceful and it requires little pruning, but if this is found necessary, do it immediately after the shrub has flowered. **2 to 3 feet, 30c each; $3.00 per dozen.**

Snowball

Opulus Sterilis (Common Snowball)—A great favorite, and very hardy; flowers freely regardless of the size of the bush. **2 to 3 feet, 30c each; $3.00 per dozen.**

Forsythia

A noticeable shrub as it blooms very early, producing bright yellow flowers all along the branches before the leaves appear. Very hardy. **2 to 3 feet, 30c each; $3.00 per dozen.**

Hydrangea

Hydrangea Paniculata Grandiflora—A grand shrub, flowering in late Summer, and producing immense heads of bloom. This will stand severe pruning, and larger flowers are produced when the branches are cut back. **2 to 3 feet, 30c each; $3.00 per dozen.**

Cydonia (Japan Quince)

A bushy shrub, growing several feet high and producing, close to the branches, beautiful deep red blossoms before the leaves appear. **3 to 4 feet, 30c each; $3.00 per dozen.**

Hydrangea Grandiflora

OUR SHRUB SPECIAL

One each of the above in fine heavy stock **$1.25**

By Express

Hardy Flowers

We only list a few varieties most in demand. Our nursery catalog contains a very complete list, tells how to grow them, too. If interested ask for it. Sent free.

Aquilegia Haylodgensis Hybrida

Gaillardia Grandiflora

A plant which will thrive in the hottest and sunniest part of the garden, bearing a profusion of yellow and brown daisy-like flowers of large size. **15c each; $1.75 per doz.; postpaid.**

Aquilegia

(Columbine)—One of the first Perennials to flower, and a perfect gem. The newer varieties offered are the best, growing about eighteen inches high. **20c each; $1.75 per dozen; postpaid.**

Nivea Grandiflora—A large, pure white, single columbine. Very free flowering and hardy.

Haylodgensis Hybrida—This is a hybrid of Coerulea and shows a great variety of colors—white, yellow, blue and shades of pink; all long spurred flowers.

Chrysantha—A soft sulphur-yellow. Comes into flower a little later than other varieties and blooms nearly all Summer. A long spurred variety.

Phlox

OUR PHLOX ARE CLUMPS—NOT SMALL, WEAK PLANTS.

The Hardy Perennial Phlox is probably the most popular of all Perennials. There is no other plant which furnishes such masses of bloom nor as varied colors as the Phlox. It grows finely in full sunlight and will also do well in partial shade. Any good soil is suitable, but, of course, the richer the better; and to have good Phlox you must water it freely. When they have been in one place for several years they send up many small flower stalks and should be taken up in early Fall or Spring, divided and reset.

Europa—One of the newer varieties. White with pink eye. Large and a good grower. **25c each; $2.50 per doz.; postpaid.**

R. P. Struthers—A splendid grower. A deep salmon pink, with dark eye. A very fine variety and always admired. **20c each; $1.75 per dozen; postpaid.**

Rhynstrom—An extra good rose-pink variety; produces large heads of bloom. **25c each; $2.50 per doz.; postpaid.**

Frau Anton Buchner—Considered the finest white Phlox to date. **25c each; $2.50 per dozen; postpaid.**

Elizabeth Campbell—Very fine salmon-pink, with dark eye. **25c each; $2.50 per doz.; postpaid.**

W. C. Egan—One of the most beautiful of all—a delicate lilac-pink. **25c each; $2.50 per dozen; postpaid.**

Pyrethrum

P. Hybridum—A plant every one should grow. Sometimes called "Pink Daisy," although it varies from white to deep crimson. Flowers in early June and furnishes a wealth of daisy-like flowers; exceptionally fine for cutting. One and one-half feet tall. **20c each; $1.75 per doz.; postpaid.**

Anchusa Italica

(Dropmore Variety)—Like a giant Forget-Me-Not. The plant grows three to five feet high and becomes a perfect mass of bright blue flowers. No plant is more effective. Blooms in early Summer and continues for several weeks. **20c each; $1.75 per dozen; postpaid.**

Campanula (Canterbury Bell)

Campanula Single—An old-fashioned plant, a biennial, but so satisfactory one cannot do without it. The blue, pink and white blossoms coming in the early Summer and making a beautiful display. Height, two feet. **20c each; $1.75 per doz.; postpaid.**

Coreopsis

This is one of the most satisfactory of all Perennials. A golden-yellow daisy, beginning to flower in June and blooming constantly until Fall. Fine for cutting. **20c each; $1.75 per dozen; postpaid.**

Delphinium

(English Larkspur)—There is no finer Perennial than this, with its tall, graceful spikes of flowers in all shades of blue. It grows three to four feet high, even higher when well established. Flowers in June and again in the Fall if the first spikes are cut down as soon as they are through blooming. Do not mulch as it is liable to rot the crown of the plants. **20c each; $1.75 per dozen; postpaid.**

Dianthus

(Hardy Pinks)—These are the old grass pinks in improved form. Very hardy, but need to be taken up, pulled apart and reset about September of every other year.

Homer—A dwarf variety, with pretty fringed pink flowers. **20c each; $1.75 per doz.; postpaid.**

Cyclops Clove—An improved form of the old clove pink. Wonderfully free flowering and very fragrant. Single blooms in various shades of pink. **15c each; $1.50 per doz.; postpaid.**

Shasta Daisy

The big white Daisy so popular everywhere for cutting. Flowers very freely in June; eighteen inches tall. **20c each; $1.75 per dozen; postpaid.**

Shasta Daisy

Kentucky Blue Grass

Blue Ribbon Grass and Clover Seed for Spring Sowing

Grass and Clover Seeds are our specialty. We handle many carloads of these in a retail and an enormous quantity in a wholesale way. We are headquarters for Kentucky Blue Grass, Red Top, Orchard Grass and Clover of different kinds, being very near the producing centers and especially well situated so far as other grasses are concerned. We are directly in line from the producing center to the place of consumption. For Timothy and other grasses of similar nature being grown farther west, we are in a direct line from the growing center to the place of consumption. We can handle same to a very great advantage on account of their being no additional freight when the cars are stopped here. The other items mentioned above are those immediately adjacent this territory and there are no additional expenses for freight, etc., to increase their cost. We have this season in Kentucky, a Pure Seed Law, which is working at the present time to quite a considerable advantage to everyone who uses or handles seeds. This law requires that each package of Field Seeds over one pound, must contain a label or tag attached showing the approximate purity and germination. Now if you want to take advantage of this Kentucky Law, Louisville is the place in which to buy your Field Seeds and we believe we have on hand at the present time, the finest stocks and selection of Field Seeds which can be had in the South. We have selected our stock especially for Purity and Germination. You need not buy your seed any longer, not knowing what you are buying, but knowing that you are buying the best that can be obtained. You can see readily from the tags, the Purity and Germination and no longer will seeds be sold without test or by guess work. We have always maintained that seeds which show the highest Purity and Germination tests, such as our Blue Ribbon Grades, are the cheapest in the long run. One very seldom stops to consider that a few cents per bushel more on Clover or Timothy does not amount to anything when compared to three or four days work in cleaning an acre of grass from the weeds which have been sown along with the seed. You have this satisfaction with Blue Ribbon Seeds, that you will get the very highest Purity and Germination that the market affords when you buy them. If you prefer, ask us for Purity and Germination when asking for quotations and we can assure you that you will not be able to buy seeds of higher quality elsewhere.

MARKET CHANGES

Grain, Grass and Clover Seed prices are constantly changing. The prices quoted here are those in effect at the time this catalogue was printed, January 1st.

Kentucky Blue Grass

(Poa Pratensis)—Also called **June Grass, Green Meadow Grass,** etc. This famous grass is well known in all sections and where the land is suitable is one of the most profitable of all for pasture. It generally grows well on any stiff or loamy soil in Central and Northern States where rich, moist though moderately well-drained, and succeeds fairly well in some sections of the South where lime is present in the soil. Kentucky Blue Grass is at its best in the Spring and Fall months. It grows very slowly at the start, but when once established forms a close, compact turf, making a fine pasture, and is most excellent for lawns. It is sown at the rate of 2 to 3 bushels for pasture and 4 to 5 bushels for lawn purposes.

Price, Blue Ribbon Brand, 35c per lb., postpaid; $3.50 per bu. (14 lbs.); 5 bushels and over, $3.35 per bushel. Current prices on request. Bags included.

Timothy

(Phleum Pratense)—No Grass is better known than this nor more generally grown, as it produces the best hay of all Grasses. It produces good hay on almost any class of land but in this section is best suited to bottom lands or good, rich, well-drained soil. It yields about 1½ to 2 tons of hay per acre which is always in demand. If used alone, sow one peck per acre. Our **Blue Ribbon Brand** is fancy, heavy seed or high germination. Present price, **Blue Ribbon Brand, per lb., 20c, postpaid; per bu. (45 lbs.), $4.25; 5 bu. lots, $4.15 per bu.; bags 40c each extra. Current prices on request.**

Timothy

Orchard Grass

(**Dactylis Glomerata**)—This is one of the very best Grasses for upland, loamy or moderately stiff soils, affording a large amount of pasturage as well as making excellent hay if cut when in bloom. It grows about three feet high and matures much earlier than Timothy, does not exhaust the soil and will produce two to three tons per acre of fine hay. Having a tendency to grow in clumps, it does better if sown thickly, 1½ to 2 bushels per acre. It does especially well if used with other Grasses in mixture such as suggested in our Mixture No. 2. Present prices, **Blue Ribbon Brand**, fancy re-cleaned seed, **per lb., 40c, postpaid; per bu. (14 lbs.), $3.75; 5 bus. and over, $3.65 per bu. Bags included.**

Italian Rye Grass

(**Lolium Italicum**)—A valuable grass for moist soils, making a rapid growth used either alone or in mixture with other Grasses for hay. If sown alone, use two to three bushels per acre. **Per lb., 30c, postpaid; per bu. (14 lbs.), $1.75; 5 bus. and over, $1.65 per bu. Bags 25c extra.**

Perennial Rye Grass

(**Lolium Perenne**)—It is a strong grower, starting early in the Spring and can be used to great advantage in mixtures. When sown alone use two to three bushels per acre or 8 to 10 lbs. in mixture. **Per lb., 25c, postpaid; per bu. (14 lbs.), $1.75; 5 bus. and over, $1.65 per bu. Bags 25c extra.**

Tall Meadow Oat Grass

(**Avena Elatior**)—Sometimes called Evergreen Grass or French Rye Grass. Very desirable for permanent pasture and meadows because of its early growth, also from the fact that it produces a heavy growth after being mown, and lasts several years. When sown alone it covers the ground well, but is also desirable to use in mixtures such as our Nos. 1 and 2. Present prices, **Blue Ribbon Brand, per lb., 35c, postpaid; per bu. (11 lbs.), $3.50; 5 bus. and over, $3.25 per bu. Write for prices in large quantities.**

Red Top or Herds Grass

(**Agrostis Vulgaris**)—Succeeds better on more soils than any other grass and in all sections of the United States. Grows slowly but becomes very vigorous later and spreads rapidly into a compact sod. Suitable to stiff soils and in low situations subject to overflow, producing luxuriant growth, attaining a height of 3 to 3½ feet. For the best quality hay it should be cut when in bloom; ripens about the same as Timothy. **Fancy Blue Ribbon Brand**, re-cleaned, **per lb., 30c, postpaid; 25-lb. lots at 16c per lb.; 100 lbs., $14.00; bags 40c each extra. Current prices on request.**

Red Top or Herds Grass

Orchard Grass

English Blue Grass

(**Meadow Fescue or Randall Grass**) (**Festuca Pratensis**)—A splendid Grass for permanent pastures, starting early and also furnishing excellent pasture very late in the season. It also makes good hay, growing on almost any soil, thriving best in that which is moist. Should be used in mixtures with other grasses although if sown for hay can be used alone at the rate of 1½ to 2 bus. per acre. Prices—**Per lb., Blue Ribbon Brand, 40c, postpaid; per bu. (24 lbs.), $6.00; bags included. Current prices on request.**

Creeping Bent Grass

(**Agrostis Stolonifera**)—Frequently called Bent or Florin Grass, and highly recommended in some sections as a pasture Grass, making a close, thick turf. Especially desirable for use on golf courses, polo grounds, etc., on account of its forming a very tough, thick sod. Sown alone two to four bushels of seed per acre are required. Price, **Blue Ribbon Brand, per lb., $1.00, postpaid; bags included.**

Sheep Fescue

(**Festuca Ovina**)—Very useful as a pasture grass for high land and dry places, enduring drouth much better than most grasses. Grows in tufts so should be sown with other grasses and we recommend it strongly for pasture mixtures on such land and locations as are hot and dry, where other varieties will burn out. Use 1½ to 2 bus. per acre alone, or 10 to 12 lbs., if used in mixture. **Per lb., 75c, postpaid; bags included.**

Bermuda Grass

(**Cynodon Dactylon**)—Very popular and a great boon in the south for pasture; when once established no amount of drought or hot weather will kill it out. It succeeds on nearly all soils, furnishing a constant growth of grass during the Summer, but becomes brown and bare in the Fall and Winter. It cannot be recommended too highly for pasture and general culture in the South, and it is also excellent for Summer lawns. Its strong, creeping roots will absolutely prevent wash. **Per lb., 60c, postpaid; 10 lbs. and over at 40c per lb.; 100 lbs., $35.00. Bags 40c extra.**

Rough Stalk Meadow Grass

(Poa Trivialis)—A good grass for rich, low meadows and heavy soils, also furnishing excellent pasture. Resembles Wood Meadow grass and is used in similar places. Sow 1 to 1½ bus. per acre if used alone; in mixtures use 4 to 5 lbs. **Blue Ribbon Brands, per lb., 75c, postpaid; bu. (14 lbs.), $8.00. Bags included.**

Wood Meadow Grass

(Poa Nemoralis)—Similar to Kentucky Blue Grass, but more suitable for low lands, shady places, etc., hence is valuable in lawn mixtures to be used in shady, damp places. **Blue Ribbon Brand, price per lb., $1.00, postpaid; bu. (14 lbs.), $7.50. Bags included.**

Sudan Grass

This grass has been introduced by the Department of Agriculture and is recommended for the hot, dry regions of the South and Southwest, although it appears to do well in almost any soil or climate. It belongs to the Sorghum family, is somewhat similar to Johnson Grass, only more thrifty, growing from 4 to 7 feet high with small stems and an abundance of broad leaves. Its root system is similar to that of Millet, it being an annual grass, hence it has not the objectionable roots of Johnson Grass. It stools freely and produces the best hay of any of the Sorghum family. When sown for hay, it is broadcast at the rate of about 8lbs. per acre, seeding being done in the Spring. It will yield from 8 to 12 tons of hay per acre. **Per lb., 40c, postpaid; 10 lbs. at 35c per lb.; 100 lbs., $30.00. Bags 40c extra.**

Hungarian Brome Grass

(Bromus Inermus)—Known in most places as Awnless Brome Grass. Grows well in all parts of the country and is especially valuable for poor, dry soils, either for hay or pasture. Used alone, two to three bushels of seed per acre are required and this can be sown either in Spring or Fall. **Per lb., 30c, postpaid; bu. (14 lbs.), $2.25. Bags included.**

Johnson Grass

(Sorghum Halapense)—A most prolific perennial hay and pasturage grass, eminently suitable to hot dry climate and soils. It makes excellent hay and furnishes an enormous amount of grazing. No droughts, methods of culture or application of chemicals to eradicate it will destroy it when once sown, therefore we do not recommend it to be sown on any land which is intended in future years for other crops. The best time for cutting is before the heads appear, as if allowed to ripen it becomes unfit for stock. Sow in the Spring, March or April, at the rate of 1 to 1½ bushels per acre. **Price, Blue Ribbon Re-cleaned Quality, per lb., 40c, postpaid; bu. (25 lbs.), $4.00; 5 bus. and over, $3.90 per bu. Bags included.**

Shelby County, Tennessee.

The Sudan Grass that I purchased from you last season produced the heaviest crop of forage that I have ever seen grown on one piece of land, the stalks grew to a height of 5 to 7 feet. I removed from the piece of land from five to six tons of feed per acre, of excellent quality; for the South I believe it to be one of the best forage crops that one can plant.

CHAS. ROGERS.

Grass Seed Mixtures for Hay and Permanent Pastures

MIXTURE No. 1—For light sandy or loamy soils—Perennial Rye Grass. Orchard Grass, Fancy Red Top, Alsike Clover, Tall Oat Grass. Kentucky Blue Grass, Sheep Fescue, Red Clover. Sow 20 lbs. per acre. **Price per lb., 35c, postpaid; 20 lbs., $4.50; 100 lbs., $21.00.**

MIXTURE No. 2—For limestone, stiff, or loamy upland soils. Orchard Grass, Kentucky Blue Grass, Perennial Rye Grass, Tall Oat Grass, Fancy Red Top, Red Clover. Sow 25 lbs. per acre. **Price per lb., 40c, postpaid; 25 lbs., $5.50; 100 lbs., $20.00.**

MIXTURE No. 3—For heavy loam or clay, or bottom lands. Timothy, Fancy Red Top, Meadow Fescue, Alsike Clover, Mammoth Clover. Sow 18 lbs. per acre. **Price per lb., 30c, postpaid; 18 lbs., $3.75; 100 lbs., $17.00.**

MIXTURE No. 4—For wet bottom land, subject to overflow. English Blue, Fancy Red Top, Italian Rye Grass, Rough Stalked Meadow, Mammoth Clover. Sow 25 lbs. per acre. **Price per lb., 35c, postpaid; 25 lbs., $5.50; 100 lbs., $20.00.**

MIXTURE No. 5—Especially for the South on any good soil, withstanding hot, dry weather. Bermuda Grass, Fancy Red Top, English Blue, Tall Oat Grass. Sow 15 lbs. per acre. **Price per lb., 35c, postpaid; 15 lbs., $3.75; 100 lbs., $21.50.**

Wood, Stubbs & Co.'s Special Pasture Mixture

This is a special mixture for affording a quick growing and lasting pasture for stock and poultry and can be used advantageously on side lots or in fields where sod of somewhat rough turf is desired. It is suitable either for high or low ground, and will afford grazing from early Spring until late Autumn, but can not be cut for hay. Sow 16 pounds per acre. **Price, 16 lbs., $2.25; 100 lbs., $12.75; bags included.**

A Field of Sudan Grass.

The farmer who includes Clover in his rotation of crops is the man who is today growing larger crops of all grain, year in and year out, than he who follows any other rotation. It will pay as a hay crop or pasture, to say nothing of the improvement in the soil after growing clover a year or so; then fields which have once grown a crop of clover are very readily seeded again. No clover does well on sour soil. Use lime freely where necessary, but grow clover in some form, and remember that we now have in addition to the regular types of Sapling and Medium Red (the common forms), Alfalfa, the most vigorous and lasting of all clovers; Bokhara, or Sweet Clover, a big thrifty plant, which will grow on land too poor for any of the other types, and in one or two seasons put the land in condition to grow any of them; and Japan Clover, an annual plant sown in the Spring, and thriving on waste land and that which is too poor for other crops. All these are described under separate headings, and are well worthy of your consideration.

Red Clover

(Trifolium Pratense)—The most important of all Clovers and known everywhere. Usually sown in the Spring, hut can he sown in the Fall also, especially if it is seeded alone or with other grasses. Use one-eighth to one-fourth bushel per acre alone, and 5 to 6 lbs. if used with other grasses; and be careful where you buy seed, for there are many grades offered, containing weed seed, hard to clean out. Prices govern quality, and our **Blue Ribbon Brand** is offered as low as it is possible to sell fancy seed. **Price, 40c per lb., postpaid; $17.00 per bu. of 60 lbs.; 5 bus. and over, $16.75. Bags holding 2½ bus., 40c each extra. Prices fluctuate. Current prices on request.**

Sapling or Mammoth Clover

Known also as Pea Vine and English Clover. Very much like the Red, only larger and later, coming into bloom ahout three weeks later than the medium red. Use the same amount of seed per acre. **Price, Blue Ribbon Brand, per lb., 40c postpaid; per bu. (60 lbs.), $17.00; 5 bus. and over, $16.75 per bu. Bags 40c each extra. Current prices on request.**

Limestone County, Ala.

I want some good Blue Grass Seed. The man who has the prettiest yard in town says he uses your seed and gave me your address.

MRS. B. L. ALLEN.

Alameda County, Berkeley, Calif.

I want to personally thank you for the quality of the Grass Seed sent to the Sunset View Cemetery. It is as good as we have ever used and 50% better than any we have been buying lately. It is very clean and full.

GEO. R. FLETCHER, Supt.,
Sunset View Cemetery Assn.

Red Clover

Alsike or Swedish Clover

(Trifolium Hybridum)—Very desirable variety to use in connection with Timothy or Red Top. Not so strong a grower as the medium red, the hlossoms being much lighter in color, rather resemhling white clover. It is hardier than other clovers, hence more lasting, and will grow better on damp ground. When used alone, sow 5 to 8 lbs. per acre; in mixtures, 3 to 4 lbs. **Price, Blue Ribbon Brand, per lb., 35c, postpaid; per bu. (60 lbs.), $15.00; 5 bus. and over, $14.75 per bu. Bags 40c each extra. Current prices on request.**

Japan Clover

(Lespedeza Striata)—This is particularly suitable for waste lands, woodland pastures, grows fairly well on poor soils, and spreads rapidly; and when once established usurps wild growths, and will in many cases even subdue broom sedge. It is not, however, a pest, and can be gotten rid of by plowing it up, and is excellent as a fertilizer.

Japan Clover is particularly valuable for pasture on such soils as described and, where the soil is good, yields a fair quantity of good hay. It is relished by cattle, is nutritious and fattening. To ohtain a stand it is only necessary to scatter the seed broadcast in the Spring, during March or April, at the rate of about 10 pounds per acre. Harrowing the land over hefore the seed is sown, when it can be done, is of course hetter, though this is not imperative to ohtain a good stand. **Price, per lb., 65c, postpaid; per bu. of 25 lbs., $9.00; 5 bu. lots at $8.75 per bu. Bags 40c each extra.**

Alfalfa or Lucerne

A Very Profitable Hay Crop. Yields Four or Five Cuttings of Nutritious Hay in One Season.

The hardiest and most lasting of all Clovers and when once established the most productive as well as the best soil enricher of all. It can be cut for hay several times a year, yielding bountifully at each cutting and the hay is of the highest feeding value. When established, Alfalfa yields four to eight cuttings per season, depending upon the section. It should not be grazed. When to be used for green feed, cut in the morning and let it wilt a little, as too much green food is apt to injure stock. For hay, cut closely when in bloom, let it lay for 24 hours, then rake in windrows, and when dry stack in field with straw covering or store under cover like clover, handling as little as possible to keep from shedding the leaves. It does best on a loamy limestone soil, the lime being very essential to its growth; and where lime is absent from the soil, it should be added. As the roots penetrate to a great depth, it is not advisable to sow it on very heavy clay soils. The ground cannot be too well prepared. Plow deeply, harrow thoroughly, making the top soil fine as possible, then roll repeatedly to make it firm. Use 20 lbs. of seed to the acre, sowing broadcast. Harrow lightly to cover the seed. We recommend inoculation of the seed. **Blue Ribbon Brand—Price, per lb., 40c, postpaid; 10 lbs., $2.75; bu., $13.00; 5 bu. lots, $12.75 per bu. Bags 40c each extra.**

Inoculation Bacteria for Alfalfa—Trial size, 50c; for one acre, $2.00; five acres, $6.00.

Alfalfa

Bokhara or Sweet Clover

Melilotus Alba, Biennial (Bokhara or White Sweet Clover) and Melilotus Officinalis, Biennial (Yellow Sweet Clover), are generally grown. The first mentioned, Melilotus Alba, is the stronger grower and the best of the two varieties. When young it resembles Alfalfa to such a degree that it is often mistaken for it, but when mature, which is during its second season, it attains a height of five to six feet and blooms from June to October. The roots of all varieties are large, fleshy, and much branched, and go down to considerable depth. In the Biennial Species, these, with the tops, die at the close of the second year, if the plant ripens seed. If cut before seed is ripe or if pastured so that seed is not matured, the plant lasts over several seasons. It is of great value in reclaiming old worn out soils and the demand for seed is increasing rapidly.

Apart from its great value as a nitrogen gatherer and producer of humus, Sweet Clover is being used most extensively here in Kentucky as a pasture, as once stock becomes used to it, is eaten as readily as Red Clover and the stock appear to thrive on it equally as well. It is especially good as an early pasture. For hay, it is cut just as it is coming into bloom and is handled in a similar way to Alfalfa. It is also a very valuable plant for bees, being the principal honey plant in some sections.

Unhulled Mammoth White—Per lb., 30c, postpaid; 25 lbs., 20c per lb.; 100 lbs. and over, 19c per lb.

Hulled Mammoth White—Per lb., 40c, postpaid; 25 lbs. at 35c; 100 lbs., $30.00. Cotton bags 40c.

Unhulled Mammoth Yellow—Per lb. 30c, postpaid; 25 lbs., 18c per lb.; 100 lbs., and over, 16c per lb.

White Clover

(Trifolium Repens)—The White Dutch Clover is a dwarf and very lasting plant, growing everywhere, and is an excellent addition to permanent pasture mixtures. Always used in lawn mixtures, as it forms a close sod and does not wash in heavy rains. Famous also as a bee plant. Sow one to two pounds per acre in mixture. **Price, per lb., 65c, postpaid; 5 lbs. and over, 50c per lb. Bags 40c each extra.**

Giant Beggar Weed or Florida Clover

(Desmodium Molle)

Sow any time after frost and as late as the middle of June; if in drills, three feet apart, three to four pounds per acre, or broadcast, ten to twelve pounds per acre, covering one to two inches. If cut when two feet high, either for hay or green food, it will branch out from the roots, producing successive crops. Can be easily eradicated, and is in no sense a pest. **Per lb., 50c, postpaid; 10 lbs. and over at 45c per lb.**

Dwarf Essex Rape

This can be sown broadcast in the Spring and will give an immense amount of nutritious pasture during the season. It can also be utilized to produce good Fall pasture on land which has already given a crop in season, such as grain, potatoes, etc. When used this way it can be sown from July until October, and in six or eight weeks will furnish excellent pasture for cattle, hogs and sheep just at a time when it is most needed. Stock thrives remarkably well on it; in fact, there is no pasture so nutritious as Dwarf Essex Rape.

Rape is a plant resembling a "Swede" turnip or Ruta Baga in color and form of foliage, but it does not make a large root. It furnishes an immense amount of feed and can be grown on any soil, being particularly adapted to the South. The Alabama Experiment Station, stating after careful trials—"Quality of product good for both hogs and cattle. They carry more hogs through our hot, dry summers than four times the amount of land planted in anything else ever grown here."

We do not know of a crop which costs so little to produce and which will yield such big returns quickly. You can fatten all your sheep and hogs with very little grain if you pasture them on Rape. Try it this year and be convinced. Sow either broadcast or in drills at the rate of four to six pounds per acre. If sown in corn at last working, three to four pounds is sufficient. **Price, per lb., 25c, postpaid; 10 lbs., 18c per lb.; 100 lbs., $15.00. Bags holding 100 lbs., 40c each extra.**

Dwarf Essex Rape

MILLETS

True Tennessee Grown Cultivated German Millet

This large head variety is best described by the cut herewith. This represents a head of True Tennessee Cultivated Millet, actual size. You can readily imagine the amount of seed a varicty of this kind would produce if grown for that purpose. Any one desiring to use it for hay would be greatly benefited by using our True Tennessee Cultivated German Millet in preference to other varieties, as it is fine stock and produces more abundantly nutritious hay than other varieties. Those people who know the difference or care, always prefer the True Tennessee German Millet rather than the commoner sorts, as they know that the returns from a crop of this kind would be fourfold more than from the commoner variety. It is sown at the same time as the other varieties and at the same rate per acre. Our crop has all been carefully re-cleaned and put into the very best possible condition, and is ready to be sown. Sow one to one and one-fourth bushels per acre, broadcast.

True Tennessee Grown German Millet, per pk., 75c; bu., $2.85; 5 bus., $2.75 per bu. Bags each 40c extra.

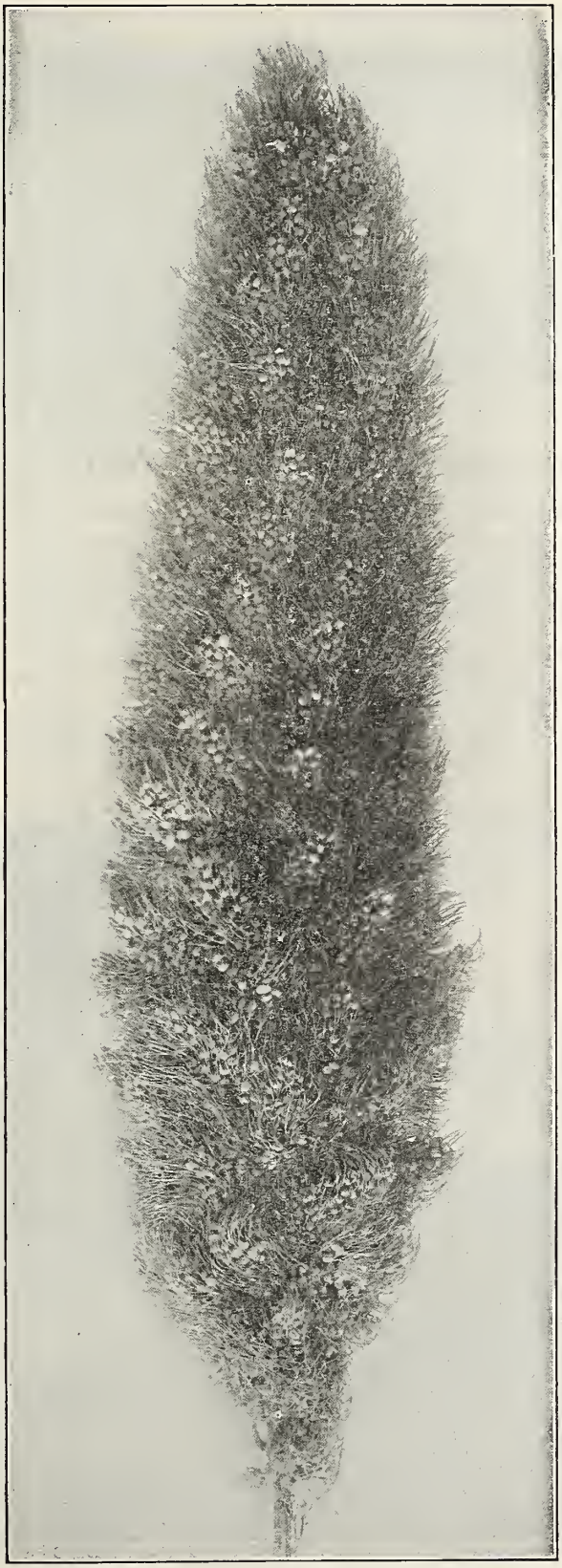
Pearl or Cat Tail Millet

(Pencillaria)—**Makes a Splendid Continuous Cutting Forage Crop, either for Green Food or Hay.** Is used for both green and dry feeding, and as it yields so largely, it is very highly prized. The cutting should commence when a height of 2½ to 3 feet is attained. After being cut it will stool out enormously, becoming much thicker, makes a rapid growth and will afford three or four large cuttings during the season. It should not be sown until about May. If sown broadcast, 20 to 30 pounds should be used, but quicker and more frequent cuttings will be obtained if sown 5 pounds per acre in drills 3 feet apart and cultivated occasionally. **Price per lb., 30c, postpaid; 10 lbs. and over, 25c per lb.; 50 lbs., 20c per lb. Bags 40c extra.**

Henry Co., Tenn.

We are well pleased with results of the seed that we used last year.

D. D. PEELER.



Actual Size of Head of True Cultivated Tennessee Millet

GERMAN MILLET

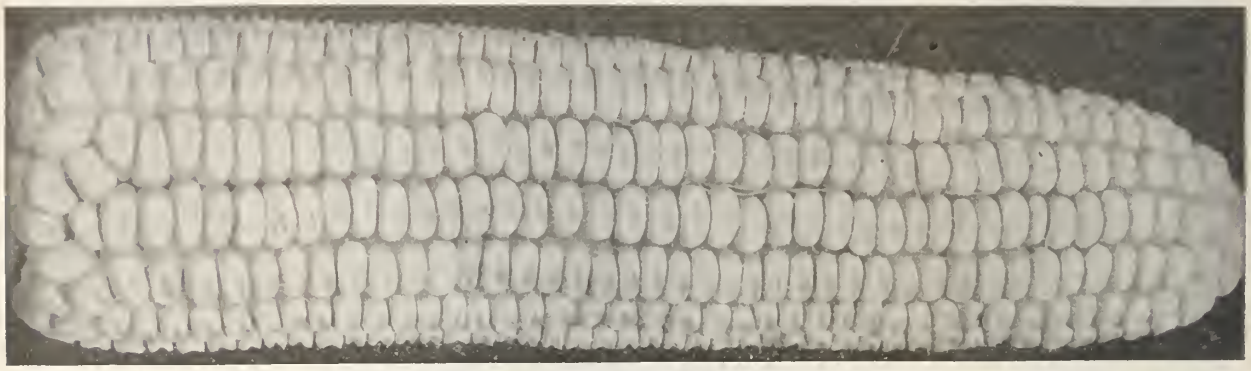
Choice Southern Grown—True Southern German Millet, sown in May, June or July, produces a fine crop of the best hay in six to eight weeks' time, and on good land yields two to two and a half tons per acre. It is of special importance, however, to secure the very best Southern-grown True German Millet. If common seed is used, or if German Millet is mixed with common millet, the yield is greatly lessened and renders the hay of less value, because common millet grows very much smaller, has very little leaf growth, goes to seed quicker, thus interspersing with the hay woody fibre and more or less seed, both of which are extremely objectionable, besides greatly curtailing the crop. True German Millet produces a large and luxuriant growth of foliage, has very large heads which ripen evenly and if cut when in bloom is extremely palatable. Sow broadcast, one bushel per acre. Two crops can be seeded and grown during the Summer on the same land. **Price (January 1), Southern Grown German Millet—Pk., 75c; bu., $2.50; 5 bu. lots at $2.40 per bu. Bags 40c extra.**

Hungarian Millet

(Panicum Germanicum)—For good low grounds on rich soil, this makes even more valuable crop than German Millet. It is considered equal in nutritious qualities to Timothy hay. It is very important in procuring Hungarian Millet to get true seed, as common millet resembles it very closely and is frequently found mixed with Hungarian. This lessens both the yield and the value of the crop. Sow from the first of May to the end of July, at the ratc of one bushel per acre. **Price about $1.00 pk., $3.00 per bu.; 5 bus. at $2.90 per bu. Bags 40c extra. Write for current prices.**

Teosinte

A valuable continuous cutting forage plant for Southern and Southwestern states, furnishing a most nutritious food, green or dry, for horses and cattle. It resembles Indian corn, the leaves being larger and the sap sweater. Sow in May in drills 3½ to 4 feet apart; 2 to 3 pounds per acre. **Oz., 10c; ¼ lb., 25c; lb., 50c, postpaid. Purchaser's expense, lb., 45c; 5 lbs. at $2.00.**



Improved Boone County White Corn

Selected Seed Corn—White Varieties

Improved Boone County White

The ears are eight to eleven inches long, seven and one-half to eight inches in circumferenee, averaging from 12 to 18 ounees; cob is medium long, grain pure white and fills out remarkably well, both tips and butts. Boone County white corn has been extensively grown in many sections with very general satisfaction. **Price—lb., 30c, postpaid; pk., $1.00; bu., $3.50. Cotton bags, holding 2½ bus., 40c extra.**

Mammoth Red Cob White Dent

One of the best all-round white sorts for rieh land, produeing largest crops of finest quality Corn. The ears average about 10 inches in length, of uniform size and great depth of grain, rows 18 to 34 on red eobs, well filled. The grains are pure white, solid, very deep, produeing the finest milling White Corn. The yield of this superior Corn is very large, sometimes as much as 90 bushels per aere. **Priee—lb., 30c, postpaid; pk., $1.00; bu., $3.50. Cotton bags 40c eaeh extra.**

Iowa Silver Mine

One of the best early White Corns, whieh matures in this loeality in 85 days. It is pure white, grain is solid, dented, and produces finest meal. Ears are of good length, symmetrical, well filled; grains are deep, narrow, averaging 18 to 20 rows, solidly packed on the eob. Our stoek is Iowa grown. **Price—lb., 30e, postpaid; pk., $1.25; bu., $4.00. Cotton bags 40c each, extra.**

Hickory King

This variety is immensely popular and justly so on aeeount of its heavy yield, both of grain and fodder. While the ears are short, they more than make up for this in the large size of the grain. There are usually two and sometimes three ears on a stalk and the grain is of the very highest quality for milling and feeding. Send us your orders for Hiekory King and get it from headquarters. **Lb., 30e, postpaid; pk., $1.00; bu., $3.50. Cotton saeks extra, 40c each.**

Butler Co., Ky.

The Gate Post Seed Corn I bought from you last Spring is the best I have ever seen. It made 30 bushels to the aere on thin land and did not have a rain from the time it was two weeks old until it was out of roasting ears.

FLOYD THATCHER.

Johnson County White Dent

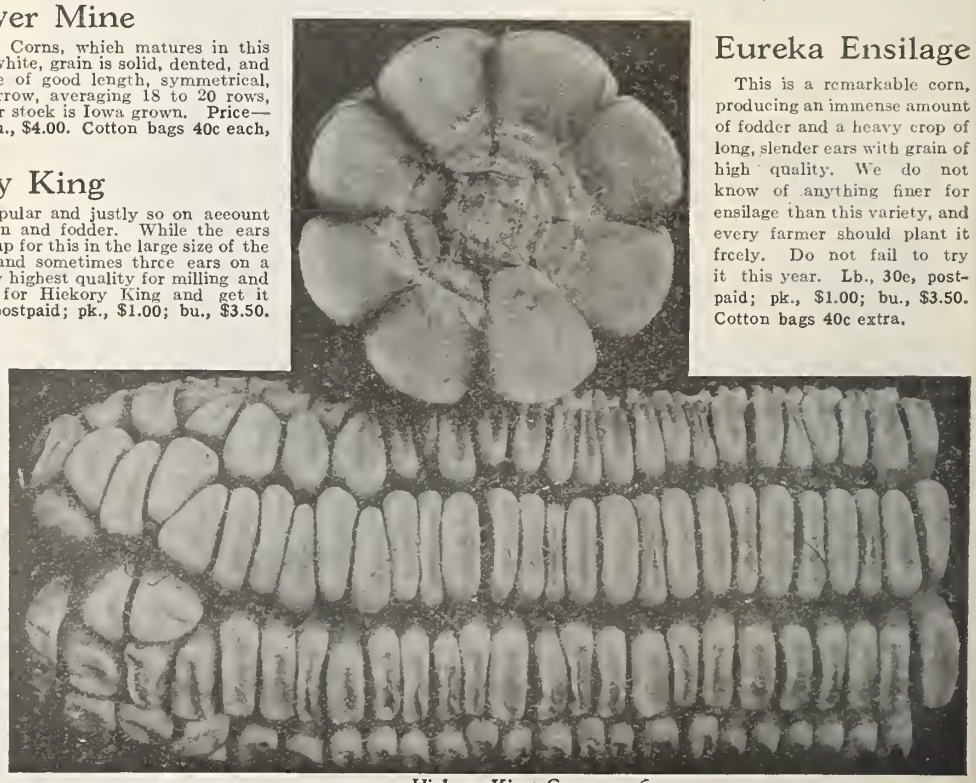
The ear averages slightly longer than Boone County White, but is about the same in diameter. Grains unusually long, set elose on white cobs, indented, but the ears are not so rough as Boone County and most of the other white sorts. It shells 85 to 88 per cent corn, thereby indicating small eob, well filled. It matures in 120 days. Our stoek of Johnson County Dent is from the best seleeted high-bred corn. **Price—lb., 30e, postpaid; pk., $1.00; bu., $3.50. Cotton bags each 40c extra.**

Albemarle Prolific

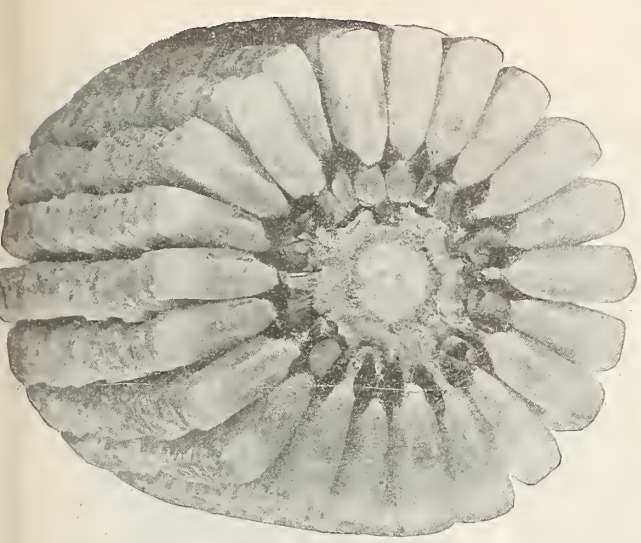
This wonderfully Prolifie Corn has produced under favorable conditions enormous crops of merehantable Corn. If used for ensilage purposes, we know of nothing superior for the amount of foliage and ensilage produeed. This corn has from three to five ears to the stalk, the ears are fair size, grains not very deep, but flinty, making excellent feed. **Lb., 30c, postpaid; pk., $1.00; bu., $3.50. Cotton bags 40c eaeh, extra.**

Eureka Ensilage

This is a remarkable corn, producing an immense amount of fodder and a heavy crop of long, slender ears with grain of high quality. We do not know of anything finer for ensilage than this variety, and every farmer should plant it freely. Do not fail to try it this year. **Lb., 30e, postpaid; pk., $1.00; bu., $3.50. Cotton bags 40c extra.**



Hickory King Corn



Yellow Gate Post Corn

Johnson County Yellow Dent

A very fine Yellow Corn, of rich, deep yellow color, requiring 110 days to mature. It has won many premiums with strongest competition, and is extremely popular in Central and Northern Indiana. The grains are deep, narrow, slightly dented, cob small. It is an extremely fine early variety for feeding, and produces a larger crop on moderately rich soil than white varieties. We especially recommend this, and our stock is particularly fine quality. **Lb., postpaid, 30c; pk., $1.00; bu., $3.50. Cotton Bags 40c extra.**

Reid's Yellow Dent

A medium early yellow variety, producing well-filled ears of good length and filling out remarkably well, even under adverse conditions. Stalks of good height, producing one or two good ears, which average 10 to 11 inches long, 14 to 16 rows. Grains flinty, deep, slightly dented, rich color, and fine feeding quality. This is one of the most popular early varieties of Yellow Corn and particularly well liked by stock raisers. In Illinois it is probably the most popular of all, and many of our largest breeders in Kentucky plant it extensively. Our stock of this has been awarded first premiums at corn shows, state and county fairs, and we believe is unsurpassed quality. **Lb., 30c, postpaid; pk., $1.00; bu., $3.50. Cotton Bags 40c extra.**

Selected Seed Corn

Yellow Varieties

Gate Post

This is one of the finest varieties of Yellow Corn we have ever seen for general purposes. While the ears do not grow quite as long as Gold Standard Leaming, the depth of grain is marvelous, and we believe for shelling contest it will yield more grain than any yellow in existence.

The stalks are medium height, bearing one and two well grown ears, 9 to 11 inches long. Color, rich golden yellow, shading lighter at the tip; grains very solid, exceedingly long and 16 to 18 rows on the cob. Most desirable for feeding on ears, splendid yielding, early maturing, and altogether one of the best for general cultivation, and especially on only moderately rich soils. **Price—Lb., 30c, postpaid; pk., $1.00; bu., $4.00. Cotton Bags 40c each extra.**

Gold Standard Leaming

An ideal feeders' corn, of light golden color, ears slightly tapering and cylindrical. The ears range from 8 to 11 inches long, seven to eight inches in circumference, and are well filled, butts and tips. The ears have from 16 to 24 rows, little or no space between them; cob is red, medium size, and the percentage of corn as compared to the cob varies from 86 to 90 per cent. The percentage of protein which these grains contain is more than any other corn which we know, and four bushels of Gold Standard Leaming will put as much fat on a hog or steer as five bushels of ordinary corn. The fact that the ears are moderate size, mature early, and splendid yielding has made this one of the most popular of all yellow sorts. **Price—Lb., 30c, postpaid; pk., $1.00; bu., $3.50. Cotton Bags 40c extra.**

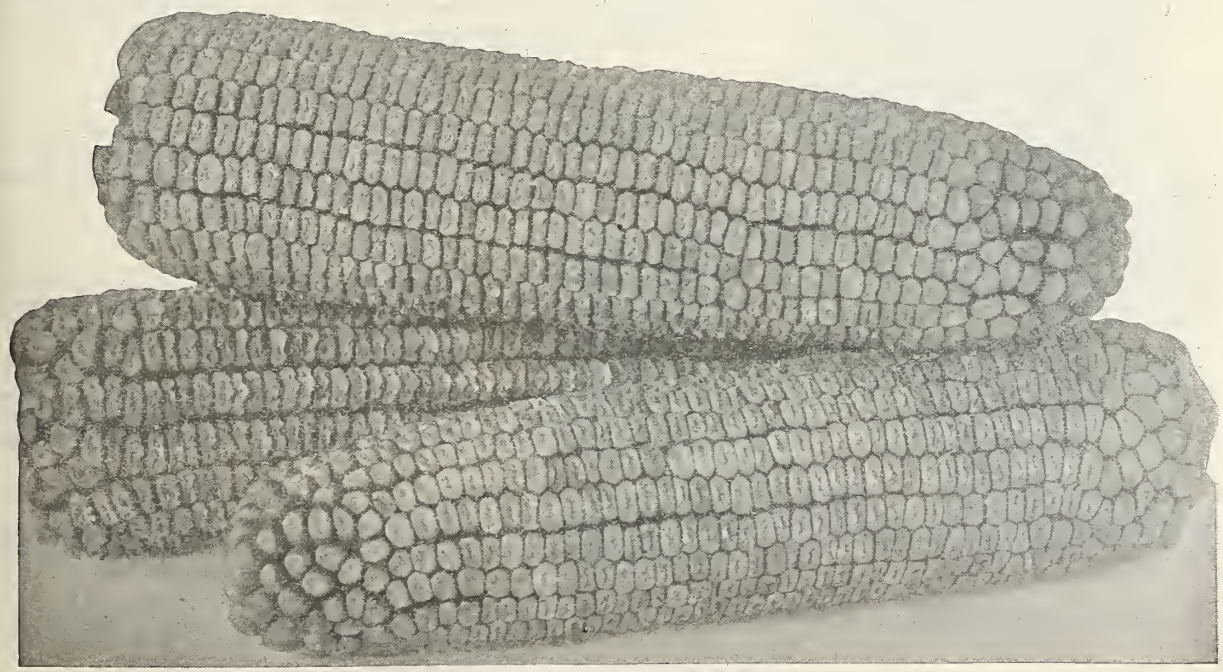
Southern Prize Yellow Dent

An extra fine Yellow Corn of rich reddish yellow color; requiring about one hundred days to mature. Extremely popular in the South. Grains are narrow and comparatively deep. Small red cob. We believe this corn will shell more pounds to the measured bushel than any other yellow variety we know of. Produces a larger crop on moderately rich soil than any other yellow variety. This corn was grown on our own farm especially for seed purposes and we wish to recommend it. **Lb., 30c, postpaid; pk., $1.00; bu., $3.50. Cotton Bags 40c each extra.**

Madison County, Tennessee.

The Southern Prize Yellow Dent Seed Corn I bought from you last spring is the best I have ever seen. It made 50 bushels to the acre on thin land and did not have a wetting rain from the time it was planted. I find your seeds to be the best for the price paid for them, of any I have ever used and have been using them for the past fifteen or twenty years.

TOM WALKER.



Southern Prize Yellow Dent Corn

COW PEAS

Cow Pea Plants

Don't neglect planting abundantly of this most profitable crop. Cow Peas at one time were considered only as a Southern production and to be planted only in the South. Now, certain varieties can be planted extremely far North and are coming more and more into favor every day. It is an exceedingly valuable crop and can be grown to advantage in the Northern, Western and Southern states. Some mature within sixty days while other varieties bear on until killed by the frost. Some are bushy, while others are trailing or climbers.

All of the early Cow Peas are recommended only for planting North of the Ohio River. The later varieties should be used for planting in Kentucky, Tennessee and farther in the South.

Cow Peas will make a good growth under favorable conditions and in poor soil and for this reason they are highly recommended for improving worn out or poor soil. It is necessary to allow the crop to mature in order to increase the fertility of the soil and a good deal of benefit is derived from turning under Cow Peas. We know of no other crop which can be grown for more purposes than Cow Peas. They can be used for Hay, Ensilage, Fertilizing, for Hog Feed and for numerous other purposes. Some people sow Cow Peas, such as Whip-poor-wills, New Eras and the like, with German Millet, which also makes an excellent hay crop. The seeds in this section should be sown in the Spring as soon as the ground becomes warm enough to plant corn and from then on up until about two months before frost. Same can be sown broadcast or drilled, requiring about 1½ bushels per acre. The crop should be used for hay when the early pods begin to ripen as hay cures slowly and is subject to heating like Clover, therefore we wish to caution you in this regard. It is necessary to watch same carefully so as to see that it does not become heated as this will spoil the texture of the hay and also causes the leaves to drop off.

From general appearances the crop this year seems to be very fair but we expect high prices to prevail. As done in former years, we will be glad to book your order at the current market price upon receipt of 50 per cent of the value, and the balance to be remitted upon delivery of the goods. Some of our customers take advantage of this each season.

Canada Field Peas

Whip-poor-will Peas

Is a bush variety, early and very generally planted both South and in the Middle West. The seed is more easily gathered on this variety than on the vine varieties, and owing to its maturing early this type is one of the best for late planting and growing between corn rows. Fancy re-cleaned seed: **$3.75 per bu.; 10 bus., $3.65 per bu. Sacked. Current prices on request.**

Black Cow Peas

While a little later than Whip-poor-will, produce a greater growth of foliage and are therefore better for cutting or as a soil improver. They give a large yield of Peas and are considered one of the best varieties. Fancy re-cleaned seed: **$3.75 per bu.; in lots of 10 bus. or more, $3.65 per bu. Sacked. Current prices on request.**

New Era Peas

Are two or three weeks earlier than Whip-poor-will, and make a heavier growth of vine. They are very popular in the North and West on account of their earliness. The seed is small, but a large amount of it is produced on the vines. Fancy re-cleaned seed: **$3.75 per bu.; in lots of 10 bus. or more, $3.65 per bu. Sacked.**

Clay Peas

A medium early variety, very popular in some sections; inclined to vine and produces a larger amount of hay. Fancy re-cleaned seed: **$3.75 per bu.; 10 bus. at $3.65 per bu. Sacked.**

Black Eye Peas

Make a profitable crop for picking the dry Peas for sale in Winter, but are of same value as a soil improver as the other varieties, and are quite largely planted in the South. Fancy re-cleaned seed, **lb., 25c., postpaid; pk., $1.75; $6.00 per bu. Sacked.**

Canada Field Peas

Canada Field Peas should be sown in February or March, weather permitting. They make large yields of most nutritious hay, cut either green or cured for hay. They should be sown one and a half to two bushels per acre with one-half bushel Spring Oats. **Pk., $1.50; bu., $5.00. Cotton bags 40c. Special prices on request.**

Soy Beans

The Soja or Soy Bean

A GREAT DROUGHT-RESISTING FORAGE CROP, PRODUCING IMMENSE QUANTITIES OF NUTRITIOUS FEED, BESIDES BEING AN EXCELLENT SOIL IMPROVER

The Cow Pea and Soy Bean are nearly related and have many points in common, but there are certain characteristics which make the Soy Bean distinct. Very few varieties make a vine, but are of upright growth, although if grown on rich soil there is a tendency to lodge. The Soy Bean produces a much larger crop of seed than the Cow Pea, and this crop is easier to harvest. It can be sown rather earlier than the Cow Pea, and if sown at the same time, matures its seed earlier. This comparison is not made with any idea of detracting at all from the merits of the Cow Pea, but the plants being similar in some respects, as stated above, we wish to point out some of the marked differences in the two plants.

The plant is generally upright, branched, and grows from one and one-half to four feet tall, according to variety and weather conditions. The plants are covered with fine hairs, whereas the Cow Pea is smooth and glossy. The pods are small and usually contain many beans, The seed is as valuable as that of the Cow Pea as to size, color and shape, but the Soy Bean ripens practically all its seed at one time. With so variable a plant it is but natural that many varieties are offered. The "Medium" is one of the best mid-season varieties, while the "Mammoth Yellow" is the best late bean.

AMOUNT OF SEED NECESSARY—If sowed in rows two and one-half feet apart, it requires one-half bushel of seed per acre; and if drilled in or broadcast, one and one-half bushels per acre. Seed can be sown in May, June, or July, but does best if sown rather early, and the seed should be covered lightly, not over a couple of inches.

Mammoth Yellow

The Mammoth Yellow produces twice the amount of forage that other varieties will, but it is much later, hence in more Northerly latitudes may not ripen all its seed, although in the season just past it made a fine growth and yielded well in this vicinity. Farther South it could be depended upon to produce immense crops of both forage and seed. **Lb., 20c, postpaid; pk., $1.50; bu., about $5.00; sacks included. Current prices on request.**

Medium Soy

This is probably the best variety for this section of the country, although it does not produce as much forage as the Mammoth Yellow. It makes an exceptionally uniform growth; has good foliage, which it holds up well to the time the seed is maturing, and it yields a splendid crop of seed. **Lb., 20c, postpaid; pk., $1.50; bu., about $5.00; sacks included. Current prices on request.**

Hollybrook Soy Beans

About two or three weeks earlier than the Mammoth Yellow Soy Beans, large yielders, better for forage and Peas. This makes a valuable crop in this latitude. Larger yielder than most varieties, used extensively for forage crop or for hay. It is much easier to cure and handle and makes a much more nutritious hay than any other variety. **Price—Lb., 20c, postpaid; pk., $1.50; bu., about $5.00; sacked. Current prices on request.**

Ito San—This resembles the Medium Soy; is valuable on account of being very early, but does not make as much forage as some of the other varieties. **Lb., 20c, postpaid; pk., $1.50; bu., about $5.00; sacks included. Current prices on request.**

Velvet Beans

A Famous New Forage and Soil-Improving Plant. Velvet Beans are pronounced by experienced agriculturists of greatest value; the vines and beans make the most nutritious feed, and as they make a most rapid growth, are destined to become universally popular. The vines and roots are rich in nitrogen, making a most valuable soil-improving crop, and they produce enormous crops for forage or soil-improving. They do not mature seeds except in extreme Southern latitudes. Plant in May or June at the rate of one and one-half pecks to acre, in drills five feet apart. They soon make a healthy growth, completely covering the ground with a mass of vines. **Lb., 20c, postpaid; pk., $1.00; bu., about $4.00; special prices in large lots. Cotton bags 40c extra.**

Hollybrook Soy Beans

Notice! Don't forget we prepay postage or express on all packages, ounces, quarter and half-pounds and pounds to any point within the United States. Larger size packages must go forward at purchaser's expense. For postage charges we refer you to the parcel post page. Express charges on seed are 25% less than merchandise rate. Peas, Beans, and Corn are figured in pound packages and prepaid the same as other seeds. Transportation is slow so place your order early.

Red Top Sorghum

Sorghum or Cane

Honey Dew

One of the best Sorghums ever used for making sorghum molasses. Makes a clear fine syrup of rich amber color, which contains very much more saccharine matter than syrups from other cane. Foliage is abundant, strong growing, large size stalks, and good yielder. We strongly recommend this sort for forage, but more especially for the best syrup-producing Sorghum that can be planted. **Pound, postpaid, 25c; pk., $1.00; bu., $3.25; 5 bus. and over at $3.00 per bu.; sacks each 25c. Current prices on request.**

Red Top Sorghum

This is one of the best varieties of Sorghum, whether for syrup or feeding green or cured for stock. It grows luxuriantly, is as tall as Early Amber, a heavy cropper, and the seed produced in a closed head, making it easily gathered. It is largely planted in this section, and is a favorite sort among Kentucky farmers. **Pound, postpaid, 25c; pk., $1.00; bu. (50 lbs.), about $3.25; 5 bus. and over at $3.00 per bu.; sacks each 25c. Current prices on request.**

Early Amber Sorghum

Furnishes a large yield of most nutritious forage, which can be fed either green or cured; and will yield two or three cuttings a year, stooling out thicker each time it is cut. The saccharine matter is of the finest quality, and it also produces a fine sugar or syrup. It grows ten to twelve feet high. This is the favorite sort in Northern and many Western States. Sow at the rate of one peck per acre in drills 3½ to 4 feet apart. **Pound, postpaid, 25c; pk., $1.00; bu., about $3.25; 5 bus. and over at $3.00 per bu.; sacks each 25c. Current prices on request.**

Early Orange Sorghum

This variety is a favorite wherever grown. It is similar in growth to Early Amber, but is preferred in Tennessee and Southern states, as it produces a heavier crop. **Pound, postpaid, 25c; pk., $1.00; bu., $3.25; 5 bus. and over at $3.00 per bu.; sacks each 25c. Current prices on request.**

Broom Corn

Broom Corn is a very profitable crop, and can be grown in Kentucky remarkably well. The price ranges from $60.00 to $80.00 per ton. It is comparatively easily cultivated, will grow on any land that is suitable for corn, and there is unlimited demand for any amount. Usually produces at the rate of a ton to three or four acres of land. The seed is useful for feeding stock, being nutritious and fattening.

Culture—Sow the seed in drills three feet apart at the rate of from three to five pounds per acre, thinning to about three inches apart, so as to leave seventy stalks to the rod. Cultivate same as for corn. If the land is rich the seed should be sown thicker and the stalks left closer together than on the medium or poor land. To make the best selling corn it should be cut when seed is in the milk state, as if allowed to ripen it changes from its bright green color and takes on a reddish tinge which does not bring as good prices. It can be used, however, even when overripe, but will pay much better prices if cut at the proper time. When marketed, the stalks and brush should not exceed over sixteen inches in length, and there is no necessity of leaving long stalks as this will only depreciate the price. For shipment it can be baled or bundled, baling, however, is better.

Oklahoma Dwarf

The principal variety used in Oklahoma on account of earliness, dwarf habit, robust growth, extreme productiveness, long well-fibred brush, and above all, its ability to resist drought. It averages about five feet high, which makes it convenient to pull the brush. It is a great yielder, in some instances making one ton of fine long brush to three acres. Seed can be allowed to ripen without damage to the brush, which does away with much of the danger of heating when seed is stripped too green. The stalks make excellent fodder and are relished by stock. Our seed is Oklahoma grown, good quality. **Price per lb., postpaid, 25c; 5 lbs., 50c; bu. (45 lbs.), $3.50; sacks included.**

Improved Evergreen

An excellent variety of good length; has fine, straight straws and of greenish appearance after being cut. This variety commands the highest market price. **Lb., postpaid, 25c; 5 lbs., 50c; bu. (45 lbs.), $3.50; sacks included.**

A Field of Buckwheat Sown in an Orchard

BUCKWHEAT

This crop has become, within the last few years, a very popular one in the State of Kentucky and also many other districts farther South. It has been produced for years in larger and ever increasing quantities in the Northern sections. We know of no crop which is better for Bees. It will take care of a number of hives of Bees, and will assist them very materially in storing larger quantities of honey than heretofore.

This season, we planted, on a tract of land at our farm, one bushel of Buckwheat together with one bushel of Whip-poor-will Cow Peas, per acre, and we don't believe that we have ever seen such a mass of foliage on the ground. It was the most desirable feed for hog or cattle pasture. We believe that too much importance cannot be attached to the growth of this plant. The grain when properly harvested and stored produces an excellent quality of chicken feed and also has a ready sale for milling purposes. The average production is 15 to 20 bushels per acre.

It can be sown on Wheat ground after the crop has been taken off and will mature in this section.

We highly recommend it to anyone desiring a good summer and fall crop for green pasturage. There are two varieties, Japanese and Silver Hull. Japanese is the most popular variety in this district and we believe produces more than the other variety. It should be sown in June, July or August at the rate of one and a half bushels per acre.

Japanese

One of the best sorts with large grain, and produces much larger yield than the common buckwheat. **Pk., 70c; bu., about $2.25; 5 bus. and over at $2.15 per bu. Bags 40c extra.**

Silver Hull

An improved sort. Grain about the size of the common buckwheat, but much better filled and larger yielding. **Pk., 75c; bu., about $2.50; 5 bus. and over at $2.40 per bu. Bags 40c extra.**

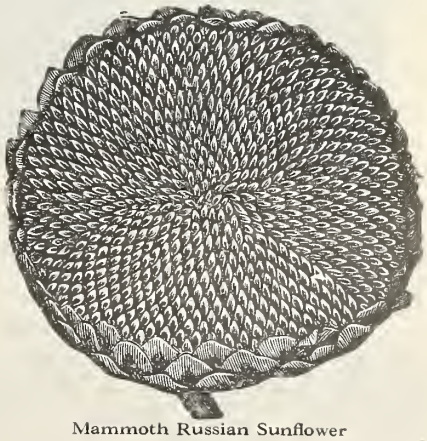
Mammoth Russian Sunflower

Usually a very profitable field crop, the seeds of which are used for bird and poultry foods, and required in enormous quantities. Sunflowers are planted and cultivated about the same as corn. Besides being very ornamental, sunflowers are useful for planting around the edges of gardens and other spots, and will yield a profitable crop of grain for the Winter feeding of poultry. **Pkt., 5c; lb., 20c, postpaid; 5 lbs., 50c; 100 lbs. $6.00. Sacked.**

Meade Co., Ky.

I have been raising Sudan Grass for two years and am very much pleased with the results. I got my last year's seed from you and found them all O K. If you have not gotten out your 1917 Catalogue I know you can not miss it by highly recommending Sudan Grass as one of the best milk producing Hays that has ever been grown.

HAYDEN MILES.



Mammoth Russian Sunflower

Texas Red Rust-Proof Oats

Oats

Texas Red Rust-Proof Oats

These are genuine Southern Grown, entirely acclimated for Southern planting. They have been for a number of years the most successful oat crop produced in the South, producing bumper crops every season. Our Oats have been carefully selected, carefully re-cleaned and put up in even weight packages. We highly recommend planting germinated oats rather than the ordinary feeding quality. These oats were grown especially for seed purposes and have been properly taken care of. They are rust-resisting and stand the drought exceptionally well. This year promises to be one of high priced feed and consequently we would recommend a heavy sowing of oats for the early summer use. Spring sown oats almost always produce heavier and more abundantly than those sown in the fall. **Pk., 40c; bu., $1.25; 5 bus. at $1.20, sacked.**

White Spring Oats

Our best re-cleaned stock of these are choice northern-grown, all heavy oats, which have been re-cleaned by us. **W. S. & Co.'s Best. Per bu., $1.00; 10 bus. and over at 98c per bu.; sacks included. Ask for prices in quantity.**

Black Mixed Spring Oats

Usually preferred for thin land, growing taller and producing heavier yield of oats. They make more forage than White Spring Oats, therefore are better to cut when green. **W. S. & Co.'s Best. Re-cleaned choice stock, per bu., $1.00; 10 bus. and over at 98c per bu.; sacks included. Ask for prices in quantity.**

Burt or Ninety-Day

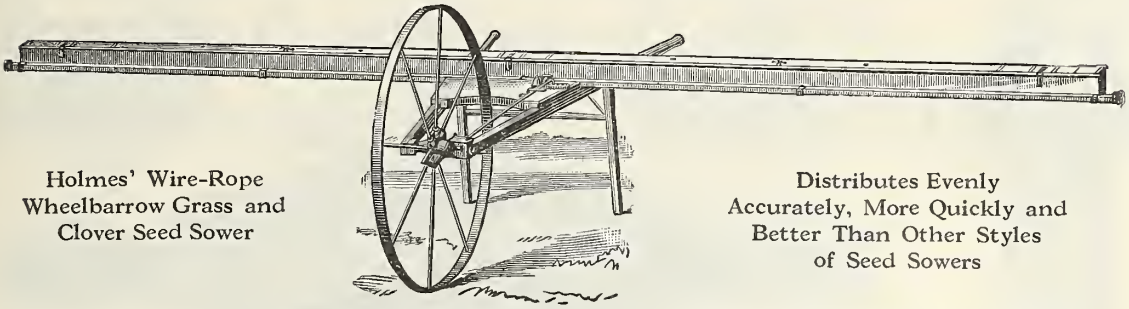
One of the most popular of the early varieties of oats, which are largely used in Tennessee and the Southern States, both for hay crop as well as grain. The true stock of Burt Oats is usually free from rust, healthy, clean; makes a vigorous growth of straw besides a good yield of grain. Very desirable where a quick crop of oats is needed. **Blue Ribbon re-cleaned stock, per bu., $1.50; 10 bu. lots and over, $1.45; sacks included.**

Winter Turf

If sown early, they are far superior to Spring Oats. In good land they grow four or five feet high, producing a splendid yield of oats weighing sometimes from 40 to 42 pounds per measured bushel. The quality of the grain is far superior to all Spring varieties. It is very much larger than that of ordinary oats, and the husk is very thin, making it of high feeding value. The straw is also of high quality. We should like intending purchasers to see samples of this grain, which will convince them of its great value, also enable them to see the superiorty of our stock, which is thoroughly re-cleaned. Sow one and one-half to two bushels per acre. **Prices: Blue Ribbon re-cleaned stock, per bu., $1.90; 10 bus. and over, $1.85 per bu.; bags included. Special prices in large lots.**

Burt Oats

Grass, Clover and Grain Seeders



Holmes' Wire-Rope Wheelbarrow Grass and Clover Seed Sower

Distributes Evenly Accurately, More Quickly and Better Than Other Styles of Seed Sowers

Holmes' Wire-Rope Wheelbarrow Seeder

The most accurate machines for sowing Clover, Timothy, and light grass seeds. They run easily and sow evenly in windy weather, the seeds being dropped through small holes underneath the trough, which is 14 feet long. Quantity is easily gauged and machine can be quickly thrown out of gear. This new seeder is constructed on up-to-date principles, with wire-rope feed working on metal and wood to avoid wearing. It does not injure or bunch the seed, and is far ahead of other wheelbarrow seeders. Weight, 40 to 50 pounds.

Plain Seeder—Sows small seeds like Clover, Timothy and other heavy seeds. **Price, $8.00.**

Combined Seeder—Sows small seeds like Clover and Timothy, as well as light seeds such as Orchard Grass, Blue Grass, etc. **Price $9.00.**

Cyclone Broadcast Seeder

Similar to Premier, except that the bottom of the seeder is wood and the distributing wheel heavy-coated iron. Thousands of these are in use with perfect success. Adapted to all kinds of grain and heavy grass and clover seeds. **Price, $2.00.**

Dairy Supplies

DAVIS SWING CHURN. Special catalogue on request.

Size	Will Churn	Cap.	Wt.	Price
No. 1	4 gal. or less	8 gal.	55 lbs	$9.00
No. 2	5 gal. or less	10 gal.	59 lbs	10.00
No. 3	8 gal. or less	16 gal.	73 lbs	11.00
No. 4	10 gal. or less	20 gal.	85 lbs	13.00
No. 5	13 gal. or less	26 gal.	98 lbs	16.00
No. 6	17 gal. or less	34 gal.	112 lbs	19.00

BUTTER PAPER. Best quality, put up in boxes containing 500 sheets.

Size 12x12, per box	$1.25
Size 9x12, per box	1.10
Size 10x10, per box	1.00

Glazing Points

Van Reyper's Easily Applied; no right and lefts. Per 1,000, $1.00; 5,000 and over at 75c per 1,000.

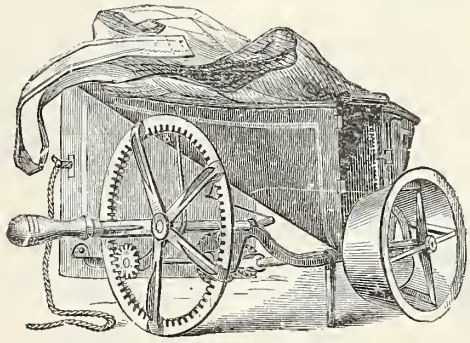
Scollay's Putty Bulb

For applying liquid putty on sash or greenhouses. **Each $1.25.**

Raffia

The best material for tying soft-wooded and vegetable plants, largely used for basket and mat-making. **Per lb., 25c; 5 lbs., and over at 20c per lb.**

Cahoon Broadcast Seeder



Cahoon Broadcast Seeder

The standard broadcast seeder and one of the best manufactured. Sows all kinds of grain, Clover, Timothy, and heavy seeds. Very simple in operation and sows 4 to 6 acres an hour at a common walking gait. Distributes seeds uniformly in one-fifth the time required by hand. Circular on request. **Price, $4.00.**

Dunham Lawn Rollers

To have a good lawn it is absolutely necessary to use a lawn roller at least once a week in the Spring, to smooth down the ground which has been spewed up by the Winter freezing and thawing and the wash of heavy rains. It is also necessary where moles and insects make uneven places and which cause the grass to die out. All rollers one section.

No.	Diameter Inches	Length Inches	Weight Empty	Filled with Water	Price
WB3	14	20	60 lbs.	200 lbs.	$8.00
WB5	18	24	75 lbs.	300 lbs.	10.00
WB7	24	24	125 lbs.	500 lbs.	13.50
WB9	24	32	140 lbs.	650 lbs.	15.00

Dry Powder Guns

Champion Dry Powder Guns

A valuable distributor of Paris Green, Dry Arsenate of Lead and Fungicides of different kinds in the Orchard, Vineyard, Garden or Field. **Price with all attachments complete, $10.00.**

Little Giant Duster

Similar to Champion only smaller. Will do identically the same work. **Price complete, $8.00.**

Champion No. 2

This Distributor is much larger than the ordinary Champion, both in size of the machine and in capacity of the tank. It is designed for applying powdered arsenate of lead on tobacco and potatoes. It will also distribute Bordeaux Mixture in powdered form. For large growers of tobacco it is indispensable. **Price, $14.00.**

"The Hen That Laid The Golden Egg Is The Average Hen Nowadays"

Uncle Sam Says: "Raise More Poultry—Do Your Bit"

200-Egg Hen Chick Feed

Means Sturdier Chicks—More Broilers—Larger Profits

The grain used in the manufacture of 200-Egg Hen Chick Feed is carefully granulated by a special process, after which it is recleaned, eliminating dust and meal, which is most vitally important in the preparation of Chick Feeds. After this process the ingredients are properly weighed and blended, resulting in a high-grade, dependable feed for Baby Chicks. Made from corn, kaffir corn, Milo maize, red wheat, steel cut oats and millet. **Price, 50 lbs., $2.25; 100 lbs., $4.25.**

200-Egg Coarse Chick Feed

Prepared after the same formula used in the manufacture of our 200-Egg Baby Chick Feed, but coarser. A superior mixture for growing chicks and young pullets. **Price, 25 lbs., $1.25; 50 lbs., $2.25; 100 lbs., $4.25.**

200-Egg Hen Scratch Feed

A very superior feed for general feeding, combining a diversity of grain without grit, shell or cheap ingredients. Supplies all the elements essential to the health of the fowl, promoting good physical condition. To be fed on a litter of hay or straw two or three times a day. For heavy egg yield, feed 200-Egg Laying Mash in connection with this. Combined from corn, kaffir corn, Milo maize, red wheat, barley, buckwheat and sunflower. **Price, 25 lbs., $1.25; 50 lbs., $2.25; 100 lbs., $4.25.**

200-Egg Hen Poultry Mash

A scientifically prepared mash to be fed wet or dry. For heavy egg yield, breeders will find this indispensable, summer or winter, for laying hens, growing chicks, cockerels or pullets. It's the feed of many varied uses. The biggest money maker in the poultry yard. A complete food for growing chicks, containing all the elements necessary for building bone, tissue and feathers. Promotes a healthy, sturdy growth and puts the pullets into the laying pens at an early stage. It neither forces nor fattens. Combined from corn meal, wheat bran, middlings, oat meal, gluten meal, alfalfa meal, granulated meat, charcoal and salt. **Price, 25 lbs., $1.25; 50 lbs., $2.15; 100 lbs., $4.00.**

Wild Seed Mixture

Nature's food for birds. A remarkable food for chickens, baby chicks, guineas, turkeys, pigeons, etc. These seeds will give your birds increased vigor, prevent diarrhea and will reduce mortality in young chicks over 50 per cent. **Price, 25 lbs., $1.00; 50 lbs., $1.75; 100 lbs., $3.00.**

Crushed Oyster Shell

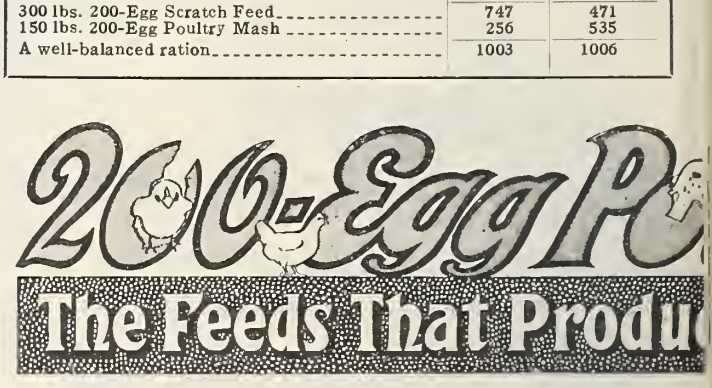
Every raiser of poultry, whether small or large, should keep an adequate supply of shell on hand at all times. This contains the elements necessary to the formation of the egg shell. In two sizes, coarse and fine. **Price, 50 lbs., 45c; 100 lbs., 85c.**

We manufacture our **200-Egg Hen Poultry and Pigeon Feeds** from the very best recleaned, sound and wholesome grains—free of grit, shells or cheap ingredients. The rations are carefully and scientifically balanced after formulae that have given best results in practical tests. Ingredients are uniformly blended, each bag containing a well-balanced ration calculated to produce results that will make every bag a profitable investment. Practical poultrymen everywhere acknowledge the superiority of 200-Egg Hen Poultry Feeds because they represent **quality, cleanliness** and **economy**, all combining to make them the most popular feeds offered today.

THE EFFICIENCY OF A BALANCED RATION

A hen can produce no more eggs than the equivalent number of yolks and whites in a feed. One dozen yolks and one-half dozen whites will produce but one-half dozen eggs. The remaining one-half dozen yolks will be absorbed into fat. Insist on a feed that will produce an equal number of yolks and whites for a big egg yield.

	Yolks	Whites
300 lbs. 200-Egg Scratch Feed	747	471
150 lbs. 200-Egg Poultry Mash	256	535
A well-balanced ration	1003	1006



Mica Crystal Grit

One of the most valuable grits introduced. With the aid of this grit the hen can properly grind and masticate her food. This grit, apart from being hard and sharp, acts as a tonic and contributes largely to the health and productive powers of the bird. **Price, 50 lbs., 45c; 100 lbs., 85c.**

Crysco Grit

This is a shell producer and grit in one. Contains 90 per cent pure carbonate of lime. Makes hard egg shells and increases the hen's laying power. **Price, 50 lbs., 40c; 100 lbs., 80c.**

Short Cut Alfalfa

A standard green food, invaluable for egg production. Can be fed with mashed food or used in trough by itself, and is excellent scattered in brooder or where young chicks run. **Price, 50 lbs., $1.25; 100 lbs., $2.35.**

Crushed or Granulated Bone

An indispensable food for laying hens. Increases egg production. Two grades—coarse and fine. **Price, 5 lbs., 35c; 25 lbs., $1.50; 100 lbs., $5.00.**

Shawnee Pigeon Feed

This is our leader. A superior whole grain pigeon feed and the best money can buy. Composed exclusively of clean, sound and wholesome grains, free of grits, shells or cheap ingredients. Shawnee, unlike other feeds, will produce pound squabs in profitable quantities and at a cost that will surprise the most critical and exacting buyer of feeds. **Price, 25 lbs., $1.25; 50 lbs., $2.40; 100 lbs., $4.70.**

Challenge Pigeon Feed

In offering this mixtnre we have striven to manufacture an economically priced feed that would produce large, plump squabs, and the fact that we have fully succeeded is evidenced by the wonderfully increasing demand for this mixture. The economy lies in the substitution of cracked and whole peas mixed for the more expensive genuine Canada peas. The quality is the same as our Shawnee and Red Wing feeds. Sound and sweet throughout. **Price, 50 lbs., $2.35; 100 lbs., $4.60.**

Red Wing Pigeon Feed

Red Wing has been prepared for those that desire a whole grain feed that contains no cracked corn. Prepared from clean, wholesome kaffir corn, Milo maize, red wheat, buckwheat, Canada peas and sunflower. This is an ideal summer or warm climate feed and will carry your birds through the hot, sultry season in fine shape. A strictly whole grain ration, there are no cracked grains to become sour or musty, and will keep indefinitely in the hottest climates if stored in a dry place. Also an excellent winter feed with corn added. **Price, 50 lbs., $2.40; 100 lbs., $4.70.**

Excell-all Pigeon Feed

Excell-all Pigeon Feed is the result of 15 year's actual feeding. On account of the wonderful variety of ingredients used, this feed is greatly relished by pigeons of all kinds, and forms the basis of a successful and profitable squab production. Like our other brands, Excell-all is a strictly whole grain feed, and is guaranteed. **Price, 50 lbs., $2.45; 100 lbs., $4.80.**

Arcady Dairy Feed

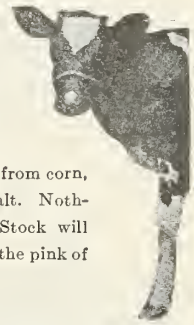
Protein 24% Fat 4% Fiber 12%

A superior dairy ration, combined from Brewers' dried grain, malt sprouts, corn gluten feed, cotton seed meal, wheat bran, wheat middlings, ground oats, corn, oil cake meal, old process linseed oil meal and salt. Strictly guaranteed. An unexcelled milk producer.

Price, 50 lbs., $1.75; 100 lbs., $3.35.

DIXIE

Horse and Mule Feed

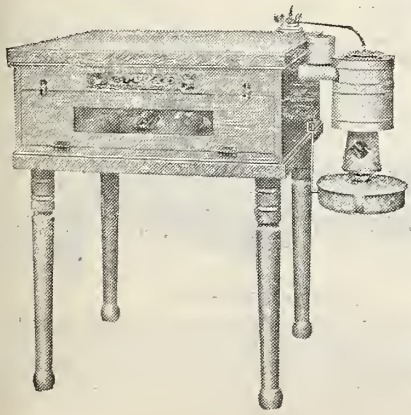


Protein 10% Fat 2½% Fiber 12%

A well balanced sweet feed, combined from corn, oats, alfalfa meal, cane molasses and 1% salt. Nothing superior for hard-working animals. Stock will put on flesh rapidly and always be in the pink of condition. **50 lbs., $1.75; 100 lbs., $3.25.**

NOTICE! If interested in receiving our Bi-monthly Poultry Food price cards, send us your name. Valuable book, "Poultry For Profit," sent free on request.

Buckeye Incubators



Built up to a Standard Not Down to a Price

GUARANTEED

to hatch more chicks—and stronger chicks than any other incubator. A twenty-five year record in which the Buckeye has persistently outclassed all competition makes this guarantee an assurance. The Buckeye is endorsed and recommended by all Agricultural Colleges and Experiment Stations.

65 Eggs	$10.50
120 Eggs	18.50
210 Eggs	24.50
600 Eggs	70.00

Buckeye Portable Brooders

The Greatest Oil Burning Brooder Ever Invented

Guaranteed to raise more chicks and bigger chicks than any oil-burning brooder on the market.

Guaranteed to furnish an abundance of heat in any temperature down to freezing.

Guaranteed to be absolutely free from all gases and odors whatsoever, and to provide a circulation of pure, fresh air every minute in the day.

No. 20—Capacity	No. 21—Capacity	No. 22—Capacity
60 Chicks—$7.50	100 Chicks—$9.50	150 Chicks—$12.50

SPRAYERS—Compressed Air and Knapsack

Auto-Spray

THE AUTO-SPRAY

A Self-Operating Automatic Sprayer

This machine is one of the strongest and most simple in its parts. The pump is locked by means of sliding cam, which prevents wear, gives long service, and renders all parts instantly accessible. Reservoir holds 4 gallons but should not be over two-thirds full of solution when ready for spraying. About two pumpings will empty the tank and the operator has only to direct the spray. It can be used in the garden, for small trees and shrubs, spraying weeds, spraying cattle, or whitewashing. Cylinders are made of both galvanized iron and brass, with locked seams. It can be carried in the hand or used as a knapsack sprayer. Two nozzles are supplied with each machine, which will throw fine and coarse spray. Equipment consists of two feet ¼-inch hose, fine spray nozzle, solid stream cap and stopcock for shutting off. If coarse whitewashing nozzle is wanted or turned nozzle for spraying low-growing plants, we will quote on request. Other equipment is given below. Full directions, with repair list and spray calendar, accompany each machine. Weight, packed, 15 lbs.

AUTO-SPRAY No. 1-C. Galvanized Steel Tank $6.25

AUTO-SPRAY No. 1-A. Brass Tank 9.50

AUTO-POP ATTACHMENT for instantly shutting off the spray, worked with the thumb, and usually very desirable 1.75

EXTENSION PIPES. Two-foot lengths for spraying tall shrubs and trees; solid brass, each ..... .60

BRASS STRAINER. For straining lumpy liquid, each 1.25

Brass Strainer

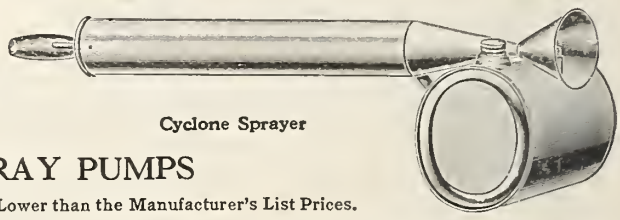
Auto-Pop

STOP COCK.

CYCLONE SPRAYER

This is the most satisfactory of all the small hand-sprayers we have ever seen. It is more easily operated, throws a better spray and very useful for all classes of small spraying, whether for vegetable garden, flower garden, cattle or household uses. Reservoir holds one quart and can be filled to capacity. **No. 1, all tin, 75c; No. 4, all brass, $1.75.**

Top-Row Attachment



Cyclone Sprayer

BRASS SPRAY PUMPS

Prices Given Below are Net and Much Lower than the Manufacturer's List Prices.

MYERS' BARREL SPRAY PUMP No. 305-B. One of the best spray pumps for a moderate-sized orchard, works easily and has extension for 15 feet. Thoroughly satisfactory for moderate spraying and whitewashing; has graduating vermorel nozzle. **Price $13.00.**

MYERS' IMPROVED BARREL SPRAY PUMP No. 318-B. An improvement over No. 305-B, with practically the same equipment and a little larger capacity. This pump attaches to the top of the barrel instead of the side of the barrel, which is a decided advantage. Has 15 feet of rubber hose, graduating vermorel nozzle. **Price, $14.00.**

No. 324 Spray Pump Lever Bucket

MYERS' LEVER BUCKET SPRAY PUMP No. 324

New pattern with 1¼-inch cylinder. Can be used in bucket or attached to top of barrel; has vermorel nozzle throwing fine or coarse spray, and single stream agitator. **Price, complete, $6.00.**

MYERS' IMPERIAL SPRAY PUMP No. 325

With patent agitator, fitted with malleable foot-rest, graduating vermorel nozzle, and return overflow cap. Will throw a solid stream 50 feet. Useful for spraying, sprinkling, whitewashing, etc. **Price, $5.00.**

EIGHT-FOOT IRON PIPE EXTENSION for above pumps. **Each 75c.**

EXTRA BORDEAUX NOZZLES. **Each 1.00.**

MYERS' HANDY PORTABLE SPRAY PUMP

Made of extra heavy galvanized iron, holding about 12 gallons, supported by frame resting on wrought steel wheels thoroughly braced. A general utility pump for spraying, whitewashing, cold water painting, etc., complete, with mechanical agitator, 15 feet of hose and 8-foot pipe extension in two 4-foot parts. **Price, complete, $25.00.**

ACME POWDER BELLOWS

Acme Single Bellows

A simple and practical implement for applying all powdered insecticides, such as Paris Green, Hellebore, Insect Powder, Slug Shot, etc. It is very effective in the destruction of potato bugs, currant worms, melon bugs, tobacco worms, cabbage worms, and other insects that affect plants. It will apply powder at the top, sides or underneath the leaves of plants. Acme Powder Guns are well made, with solid hardwood head block, hardwood handles, best leather for the bellows, and an extra elbow is furnished to tilt the funnel for getting under the leaves of the plants and shrubs. It is easy to operate, light, serviceable, and the most useful to farm or garden. Every farmer should have one. **Single Acme Bellows, each $1.25; Double Acme Bellows, each $2.00.**

ACME SIFTERS—Sheet iron cans, with rigid handles, Bottom perforated; has agitator working to keep the material moving. Used for dusting plants with dry powders, such as Slug Shot, Tobacco Dust, Paris Green mixed with Plaster, etc. **Each, 50c.**

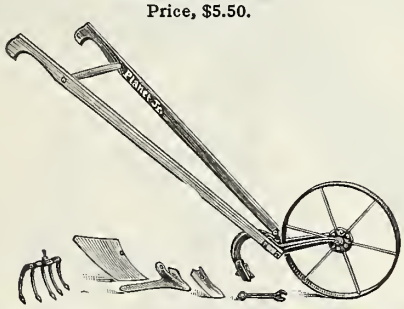
Planet Jr. Farm and Garden Tools

CUT DOWN WORK AND BOOST YOUR CROPS

Old-time farming no longer pays—these scientific tools do the work of 3 to 6 men, give bigger yield, and save their cost in a single season. Invented and made by a practical farmer and manufacturer, with half a century's experience. Planet Jrs. are strong and lasting. Every tool fully guaranteed. Come and let us convince you of their economy.

No. 19 Planet Jr.

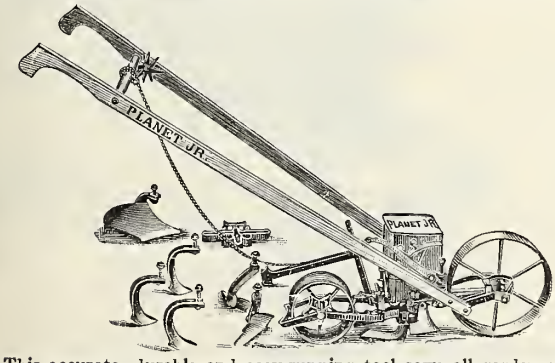
Single Wheel Hoe.
Price, $5.50.



This combination will delight the suburbanite, the growing boy, women, younger or older, who will find it a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.

No. 4 Planet Jr.

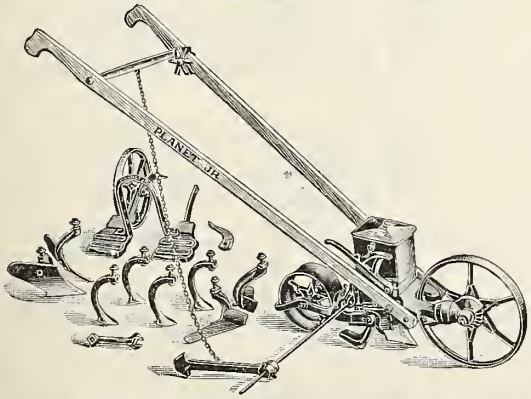
Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.
Price, Complete, $17.00. As Drill Only, $13.50.



This accurate, durable and easy-running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth; rolling down and marking out the next row all at one passage. No time is lost. No seed is wasted. By removing the seeder parts and substituting the tool frame, you have a first-class single wheel hoe.

No. 25 Planet Jr.

Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow.
Price, $20.00.

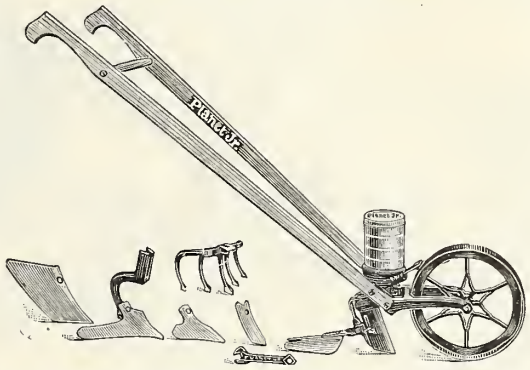


As a seeder it is practically the same as the Planet Jr. No. 4, and as a wheel hoe has the same steel frames and cultivating attachments as the Planet Jr. No. 12 Double Wheel Hoe.

Two acres a day can easily be worked, and when it is done, it will be a better job than several men could have done in the same time with hand hoes.

No. 31 Planet Jr.

Combined Drill Seeder and Single Wheel Hoe.
Price, Complete, $11.50.
Packed weight, 30 lbs.
No. 31D, as a Drill Seeder Only, $9.25.



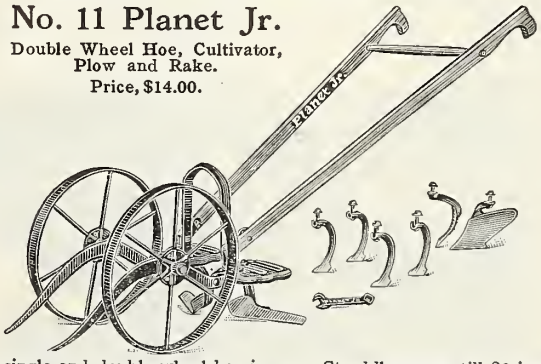
This new tool is of great value to gardeners who have never felt able to own either a seed drill or a wheel hoe. It will sow even a small packet of garden seed with great precision. Quickly changed to a splendid wheel hoe. A special machine for the small gardener.

No. 33 Planet Jr. Cultivator

is a Single Wheel Hoe, Cultivator and Plow.
Same as the No. 31, without Seeder, Price, $3.75.

No. 11 Planet Jr.

Double Wheel Hoe, Cultivator, Plow and Rake.
Price, $14.00.



A single and double wheel hoe in one. Straddles crops till 20 inches high, tnen works between. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world.

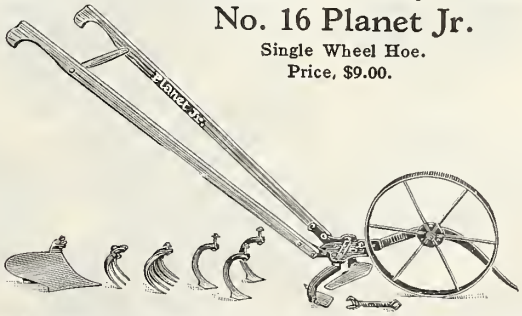
No. 12 Planet Jr.

Double and Single Wheel Hoe.
Price, $11.00

Same as No. 11, but without the Rakes and one pair of Hoes.

No. 16 Planet Jr.

Single Wheel Hoe.
Price, $9.00.



The highest type of Single Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest quickest, and best way.

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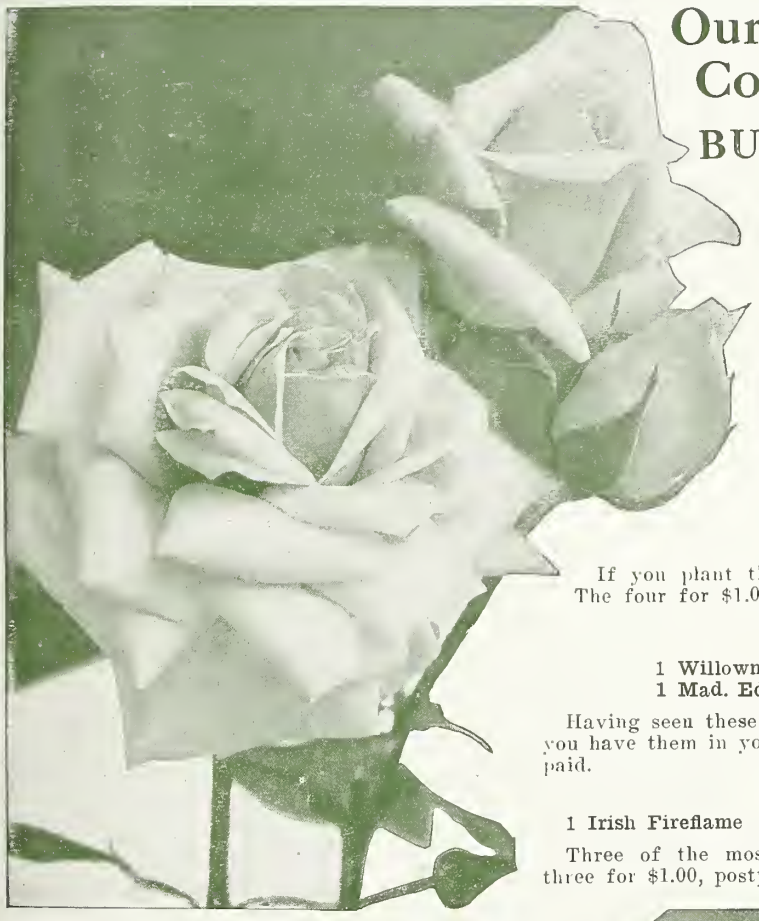
Our Great One Dollar Collections of Plants

BULBS, SHRUBS, ETC.



Mamon Cochet

OUR ROSE SPECIALS

All fancy 2-year field-grown stock.
(See description on page 61.)

Offer No. 1

1 Harry Kirk
1 Duchess of Wellington
1 Old Gold

The above three beautiful varieties for $1.00, postpaid.

Offer No. 2

1 Mamon Cochet White
1 Radiance
1 Antoine Revoire
1 Edward Mawley

If you plant these four you will have roses until frost The four for $1.00, postpaid.

Offer No. 3

1 Willowmere 1 Dorothy Page Roberts
1 Mad. Edward Herriott (Daily Mail Rose)

Having seen these in bloom you will never be satisfied until you have them in your own garden. The three for $1.00, postpaid.

Offer No. 4

1 Irish Fireflame 1 Lady Ursula 1 Lady Alice Stanley

Three of the most beautiful of recent introduction. The three for $1.00, postpaid.

Canna and Caladium Special

8 strong Roots of King Humbert Canna and 1 largest size Caladium, making a fine foliage bed, for $1.00, postpaid.

Dahlias

No special collections in Dahlias this year, but prices on all varieties greatly reduced, so you can make your own selection at small cost.

Shrub Special

1 Spiraea Van Houttei 1 Forsythia
1 Weigelia Eva Raethke 1 Althea
1 Japan Quince

The five in splendid bushy stock for $1.00 by express at purchaser's expense.

Grapes for the Home Garden—Eight for $1 postpaid

3 Concord, 2 year, finest purple
3 Niagara, 2 year, best white
2 Wyoming, 2 year, extra good red

W. S. & Co.'s Special $1.00 Offer of Fruit Trees for the Home Garden

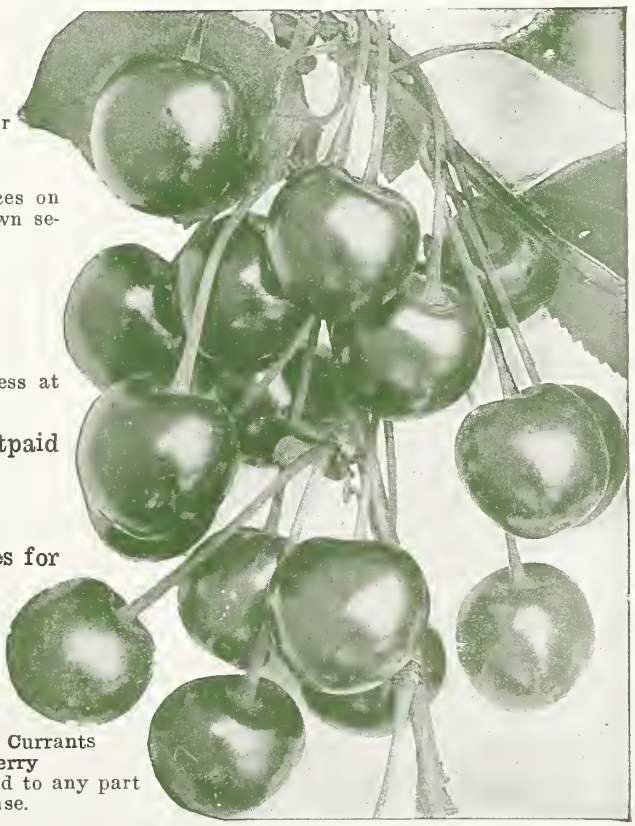
1 J. H. Hale Peach 1 Bartlett Pear
1 Maiden's Blush Apple 1 Early Richmond Cherry

All good strong trees, No. 1 Grade and first-class in every particular, by express at purchaser's expense.

Our Special $1.00 Collection of Small Fruits

12 Red Raspberry Cuthbert 4 Perfection Red Currants
12 Blackberry Rathburn 2 Josslyn Gooseberry

The above are the best varieties to plant and adapted to any part of the country. Sent by express at purchaser's expense.



Early Richmond Cherry

Selection For War Garden №1

1 Pound Stringless Green Pod Beans
1 Pkt. Ky. Wonder Pole String Beans
1 Pound Wood's Prolific Bush Lima Beans
1 Pkt. Extra Early Eclipse Beet
1 Pkt. Ford's Mammoth Podded Pole Lima Beans
1 Pkt. Chantenay Carrot
1 Pkt. Black Seeded Simpson Leaf Lettuce
1 Pkt. Blue Ribbon Big Boston Head Lettuce
1 Pkt. White Velvet Okra
½ Gal. Yellow Danver Onion Sets
1 Pound Alaska Peas -- Plant Twice
1 Pkt. Champion Moss Curled Parsley
1 Pkt. White Tip Scarlet Turnip Radish
1 Pkt. Strap Leaf Turnip

Postage or Express Prepaid – $2.00

This Selection For A Small Back Yard Garden. We Advise Planting Along With This, One Peck of Potatoes Refer To Potato Page For Prices.

Selection For War Garden №2

2 Pounds New Stringless Green Pod Beans - Plant Twice
1 Pound Ky. Wonder Pole String Beans
1 Pound Burpees Improved Bush Lima Beans
1 Pound King of the Garden Pole Lima Beans
1 Oz. Extra Early Eclipse Beet
1 Pkt. Chantenay Carrots
1 Pound Country Gentleman Sweet Corn
1 Pkt. White Tip Scarlet Turnip Radish
1 Pkt. White Strassburg Radish
1 Oz. Bloomsdale Spinach
1 Pkt. Early White Bush Squash
1 Oz. Strap Leaf Turnip
1 Pkt. Blue Ribbon White Spine Cucumber
1 Pkt. Black Seeded Simpson Lettuce.
1 Pkt. Blue Ribbon Big Boston Head Lettuce
1 Oz. White Velvet Okra
½ Gal. Yellow Danver Onion Sets
1 Pound Blue Ribbon Chieftain Peas (Dwarf)
1 Pound Telephone Peas (Stick)
1 Pkt. Champion Moss Curled Parsley

Postage or Express Prepaid $4.00

One Should Plant In Addition To Above, 50 Cabbage Plants 2 Dozen Cauliflower and 1 Dozen Tomato Plants. Also one Bushel Choice Maine Grown Cobbler Potatoes. Refer To Catalogue For Prices. This Will Make A Very Satisfactory Garden For An Average Family.

Plant Heavily and Reap Abundantly

Scarcity of Labor will greatly increase the cost of Garden Vegetables

WOOD, STUBBS & CO.

INCORPORATED.

SEEDSMEN

219-221 East Jefferson St.

Louisville, Kentucky.